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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: CHEM02
Lab Code: ACE
SDG No.: Q2987
Instrument ID: MSVOA_X
Calibration Date/Time: 08/29/2025 09:48
Lab File ID: VX047557.D
Init. Calib. Date(s): 08/28/2025 08/28/2025
Heated Purge: (Y/N) N
Init. Calib. Time(s): 14:07 16:35
GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.548	0.534		-2.56	20
Chloromethane	0.598	0.552	0.1	-7.69	20
Vinyl Chloride	0.703	0.666		-5.26	20
Ethyl Acetate	0.481	0.491		2.08	20
Bromomethane	0.304	0.334		9.87	20
Chloroethane	0.447	0.412		-7.83	20
Trichlorofluoromethane	1.000	0.996		-0.4	20
1,1,2-Trichlorotrifluoroethane	0.595	0.611		2.69	20
Tert butyl alcohol	0.071	0.067		-5.63	20
1,1-Dichloroethene	0.631	0.612		-3.01	20
Acrolein	0.141	0.134		-4.97	20
Acrylonitrile	0.316	0.312		-1.27	20
Acetone	0.304	0.311		2.3	20
Carbon Disulfide	1.878	1.768		-5.86	20
Methyl tert-butyl Ether	2.061	2.050		-0.53	20
Methyl Acetate	0.750	0.751		0.13	20
Methylene Chloride	0.774	0.707		-8.66	20
trans-1,2-Dichloroethene	0.672	0.664		-1.19	20
Vinyl Acetate	1.897	1.926		1.53	20
1,1-Dichloroethane	1.295	1.237	0.1	-4.48	20
Cyclohexane	1.080	1.062		-1.67	20
2-Butanone	0.400	0.398		-0.5	20
Carbon Tetrachloride	0.542	0.534		-1.48	20
2,2-Dichloropropane	0.936	0.933		-0.32	20
cis-1,2-Dichloroethene	0.819	0.788		-3.79	20
Bromochloromethane	0.559	0.564		0.89	20
Chloroform	1.318	1.255		-4.78	20
1,1,1-Trichloroethane	1.074	1.049		-2.33	20
Methylcyclohexane	0.563	0.586		4.09	20
1,1-Dichloropropene	0.488	0.490		0.41	20
Benzene	1.559	1.538		-1.35	20
1,2-Dichloroethane	0.561	0.548		-2.32	20
Trichloroethene	0.386	0.383		-0.78	20
1,2-Dichloropropane	0.393	0.389		-1.02	20
Dibromomethane	0.289	0.284		-1.73	20
Bromodichloromethane	0.591	0.586		-0.85	20
4-Methyl-2-Pentanone	0.457	0.456		-0.22	20
Toluene	0.950	0.951		0.1	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
t-1,3-Dichloropropene	0.533	0.558		4.69	20
cis-1,3-Dichloropropene	0.590	0.614		4.07	20
1,1,2-Trichloroethane	0.371	0.366		-1.35	20
1,3-Dichloropropane	0.642	0.632		-1.56	20
2-Chloroethyl Vinyl ether	0.259	0.261		0.77	20
2-Hexanone	0.312	0.316		1.28	20
Dibromochloromethane	0.443	0.442		-0.23	20
1,2-Dibromoethane	0.377	0.386		2.39	20
Tetrachloroethene	0.335	0.340		1.49	20
Chlorobenzene	1.170	1.149	0.3	-1.79	20
1,1,1,2-Tetrachloroethane	0.397	0.403		1.51	20
Hexachloroethane	0.562	0.589		4.8	20
Ethyl Benzene	1.967	1.996		1.47	20
m/p-Xylenes	0.731	0.751		2.74	20
o-Xylene	0.704	0.727		3.27	20
Styrene	1.221	1.272		4.18	20
Bromoform	0.302	0.316	0.1	4.64	20
Isopropylbenzene	3.679	3.853		4.73	20
1,1,2,2-Tetrachloroethane	1.163	1.167	0.3	0.34	20
1,2,3-Trichloropropane	0.892	0.953		6.84	20
Bromobenzene	0.941	0.961		2.13	20
n-propylbenzene	4.380	4.582		4.61	20
2-Chlorotoluene	2.717	2.770		1.95	20
1,3,5-Trimethylbenzene	3.008	3.203		6.48	20
4-Chlorotoluene	3.188	3.274		2.7	20
tert-Butylbenzene	3.033	3.173		4.62	20
1,2,4-Trimethylbenzene	3.066	3.243		5.77	20
sec-Butylbenzene	3.649	3.878		6.28	20
p-Isopropyltoluene	3.059	3.233		5.69	20
1,3-Dichlorobenzene	1.755	1.799		2.51	20
1,4-Dichlorobenzene	1.812	1.805		-0.39	20
n-Butylbenzene	2.823	2.994		6.06	20
1,2-Dichlorobenzene	1.720	1.697		-1.34	20
1,2-Dibromo-3-Chloropropane	0.215	0.216		0.47	20
1,2,4-Trichlorobenzene	1.048	1.079		2.96	20
Hexachlorobutadiene	0.364	0.367		0.82	20
Naphthalene	3.064	3.253		6.17	20
1,2,3-Trichlorobenzene	0.985	1.029		4.47	20

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COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
1,2-Dichloroethane-d4	0.768	0.841		9.51	20
Dibromofluoromethane	0.343	0.388		13.12	20
Toluene-d8	1.203	1.352		12.39	20
4-Bromofluorobenzene	0.452	0.508		12.39	20

All other compounds must meet a minimum RRF of 0.010.
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