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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: ENTA05

Lab Code: CHEM Case No.: P5371 SAS No.: P5371 SDG No.: P5371

Instrument ID: MSVOA_N Calibration Date/Time: 12/26/2024 10:10

Lab File ID: VN085309.D Init. Calib. Date(s): 12/18/2024 12/18/2024

Heated Purge: (Y/N) N Init. Calib. Time(s): 11:56 13:57

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.797	0.752		-5.65	20
Chloromethane	0.759	0.735	0.1	-3.16	20
Vinyl Chloride	0.711	0.837		17.72	20
Bromomethane	0.467	0.530		13.49	20
Chloroethane	0.513	0.527		2.73	20
Trichlorofluoromethane	1.149	1.094		-4.79	20
1,1,2-Trichlorotrifluoroethane	0.616	0.637		3.41	20
1,1-Dichloroethene	0.571	0.597		4.55	20
Acetone	0.302	0.229		-24.17	20
Carbon Disulfide	1.948	1.724		-11.5	20
Methyl tert-butyl Ether	1.956	1.986		1.53	20
Methyl Acetate	0.854	0.691		-19.09	20
Methylene Chloride	0.660	0.653		-1.06	20
trans-1,2-Dichloroethene	0.629	0.613		-2.54	20
1,1-Dichloroethane	1.221	1.193	0.1	-2.29	20
Cyclohexane	1.131	1.079		-4.6	20
2-Butanone	0.462	0.358		-22.51	20
Carbon Tetrachloride	0.592	0.556		-6.08	20
cis-1,2-Dichloroethene	0.733	0.737		0.55	20
Bromochloromethane	0.616	0.567		-7.95	20
Chloroform	1.304	1.234		-5.37	20
1,1,1-Trichloroethane	1.162	1.113		-4.22	20
Methylcyclohexane	0.509	0.585		14.93	20
Benzene	1.523	1.523		0	20
1,2-Dichloroethane	0.580	0.529		-8.79	20
Trichloroethene	0.339	0.355		4.72	20
1,2-Dichloropropane	0.377	0.374		-0.8	20
Bromodichloromethane	0.577	0.555		-3.81	20
4-Methyl-2-Pentanone	0.543	0.440		-18.97	20
Toluene	0.916	0.946		3.28	20
t-1,3-Dichloropropene	0.562	0.573		1.96	20
cis-1,3-Dichloropropene	0.598	0.629		5.18	20
1,1,2-Trichloroethane	0.343	0.336		-2.04	20
2-Hexanone	0.387	0.312		-19.38	20
Dibromochloromethane	0.406	0.407		0.25	20
1,2-Dibromoethane	0.353	0.332		-5.95	20
Tetrachloroethene	0.336	0.365		8.63	20
Chlorobenzene	1.124	1.167	0.3	3.83	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	1.926	2.113		9.71	20
m/p-Xylenes	0.721	0.804		11.51	20
o-Xylene	0.677	0.762		12.56	20
Styrene	1.131	1.287		13.79	20
Bromoform	0.307	0.281	0.1	-8.47	20
Isopropylbenzene	3.607	4.238		17.49	20
1,1,2,2-Tetrachloroethane	1.285	1.137	0.3	-11.52	20
1,3-Dichlorobenzene	1.744	1.784		2.29	20
1,4-Dichlorobenzene	1.805	1.770		-1.94	20
1,2-Dichlorobenzene	1.622	1.661		2.4	20
1,2-Dibromo-3-Chloropropane	0.246	0.200		-18.7	20
1,2,4-Trichlorobenzene	0.830	0.869		4.7	20
1,2,3-Trichlorobenzene	0.829	0.830		0.12	20
1,2-Dichloroethane-d4	0.874	0.788		-9.84	20
Dibromofluoromethane	0.352	0.344		-2.27	20
Toluene-d8	1.285	1.324		3.04	20
4-Bromofluorobenzene	0.459	0.444		-3.27	20

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