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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: ROMA02

Lab Code: CHEM Case No.: P4258 SAS No.: P4258 SDG No.: P4258

Instrument ID: MSVOA_Y Calibration Date/Time: 10/03/2024 09:44

Lab File ID: VY019776.D Init. Calib. Date(s): 09/09/2024 09/09/2024

Heated Purge: (Y/N) Y Init. Calib. Time(s): 09:52 11:53

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.316	0.225		-28.8	20
Chloromethane	0.414	0.374	0.1	-9.66	20
Vinyl Chloride	0.447	0.449		0.45	20
Bromomethane	0.275	0.313		13.82	20
Chloroethane	0.292	0.328		12.33	20
Trichlorofluoromethane	0.746	0.774		3.75	20
1,1,2-Trichlorotrifluoroethane	0.461	0.483		4.77	20
1,1-Dichloroethene	0.444	0.440		-0.9	20
Acetone	0.110	0.130		18.18	20
Carbon Disulfide	1.199	1.061		-11.51	20
Methyl tert-butyl Ether	1.256	1.291		2.79	20
Methyl Acetate	0.299	0.295		-1.34	20
Methylene Chloride	0.503	0.493		-1.99	20
trans-1,2-Dichloroethene	0.486	0.487		0.21	20
1,1-Dichloroethane	0.917	0.988	0.1	7.74	20
Cyclohexane	0.829	0.771		-7	20
2-Butanone	0.157	0.168		7.01	20
Carbon Tetrachloride	0.435	0.458		5.29	20
cis-1,2-Dichloroethene	0.591	0.620		4.91	20
Bromochloromethane	0.386	0.486		25.91	20
Chloroform	0.936	1.031		10.15	20
1,1,1-Trichloroethane	0.839	0.899		7.15	20
Methylcyclohexane	0.513	0.497		-3.12	20
Benzene	1.188	1.223		2.95	20
1,2-Dichloroethane	0.320	0.348		8.75	20
Trichloroethene	0.306	0.310		1.31	20
1,2-Dichloropropane	0.290	0.304		4.83	20
Bromodichloromethane	0.427	0.457		7.03	20
4-Methyl-2-Pentanone	0.209	0.207		-0.96	20
Toluene	0.764	0.792		3.66	20
t-1,3-Dichloropropene	0.407	0.408		0.25	20
cis-1,3-Dichloropropene	0.474	0.483		1.9	20
1,1,2-Trichloroethane	0.219	0.227		3.65	20
2-Hexanone	0.153	0.149		-2.61	20
Dibromochloromethane	0.290	0.294		1.38	20
1,2-Dibromoethane	0.204	0.201		-1.47	20
Tetrachloroethene	0.310	0.310		0	20
Chlorobenzene	0.984	1.038	0.3	5.49	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	1.748	1.867		6.81	20
m/p-Xylenes	0.661	0.692		4.69	20
o-Xylene	0.646	0.661		2.32	20
Styrene	1.091	1.135		4.03	20
Bromoform	0.195	0.187	0.1	-4.1	20
Isopropylbenzene	3.627	3.780		4.22	20
1,1,2,2-Tetrachloroethane	0.644	0.656	0.3	1.86	20
1,3-Dichlorobenzene	1.563	1.615		3.33	20
1,4-Dichlorobenzene	1.551	1.587		2.32	20
1,2-Dichlorobenzene	1.395	1.407		0.86	20
1,2-Dibromo-3-Chloropropane	0.107	0.098		-8.41	20
1,2,4-Trichlorobenzene	0.848	0.801		-5.54	20
1,2,3-Trichlorobenzene	0.726	0.670		-7.71	20
1,2-Dichloroethane-d4	0.463	0.528		14.04	20
Dibromofluoromethane	0.283	0.307		8.48	20
Toluene-d8	1.049	1.102		5.05	20
4-Bromofluorobenzene	0.403	0.401		-0.5	20

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