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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: NEWY17

Lab Code: CHEM Case No.: P5018 SAS No.: P5018 SDG No.: P5018

Instrument ID: MSVOA_N Calibration Date/Time: 11/27/2024 11:44

Lab File ID: VN085052.D Init. Calib. Date(s): 10/31/2024 10/31/2024

Heated Purge: (Y/N) N Init. Calib. Time(s): 12:08 18:13

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

COMPOUND	RRF	RRF020	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	1.745	1.674		-4.07	
Chloromethane	2.101	1.893		-9.9	
Vinyl Chloride	1.951	1.786	0.1	-8.46	
Bromomethane	0.990	1.067	0.1	7.68	
Chloroethane	1.281	1.153		-9.99	
Trichlorofluoromethane	3.168	3.160		-0.25	
1,1,2-Trichlorotrifluoroethane	1.790	1.817		1.51	
1,1-Dichloroethene	1.748	1.652	0.1	-5.49	
Acetone	0.229	0.208		-9.17	
Carbon Disulfide	5.144	4.540		-11.74	
Methyl tert-Butyl Ether	5.654	5.120		-9.44	
Methyl Acetate	2.725	2.081		-23.63	
Methylene Chloride	2.049	1.867		-8.88	
trans-1,2-Dichloroethene	1.833	1.739		-5.13	
1,1-Dichloroethane	3.587	3.289	0.2	-8.31	
Cyclohexane	0.506	0.455		-10.08	
2-Butanone	0.208	0.178		-14.42	
Carbon Tetrachloride	0.524	0.506	0.1	-3.43	
cis-1,2-Dichloroethene	2.188	2.041		-6.72	
Chloroform	3.675	3.498	0.2	-4.82	
1,1,1-Trichloroethane	0.614	0.589	0.1	-4.07	
Methylcyclohexane	0.486	0.438		-9.88	
Benzene	1.494	1.359	0.5	-9.04	
1,2-Dichloroethane	0.497	0.465	0.1	-6.44	
Trichloroethene	0.337	0.318	0.3	-5.64	
1,2-Dichloropropane	0.360	0.335		-6.94	
Bromodichloromethane	0.539	0.495	0.2	-8.16	
4-Methyl-2-Pentanone	0.473	0.398		-15.86	
Toluene	1.709	1.592	0.4	-6.85	
t-1,3-Dichloropropene	0.532	0.485	0.1	-8.84	
cis-1,3-Dichloropropene	0.571	0.536	0.2	-6.13	
1,1,2-Trichloroethane	0.337	0.316	0.1	-6.23	
2-Hexanone	0.347	0.290		-16.43	
Dibromochloromethane	0.395	0.376	0.1	-4.81	
1,2-Dibromoethane	0.341	0.309		-9.38	
Tetrachloroethene	0.314	0.301	0.2	-4.14	
Chlorobenzene	1.032	0.987	0.5	-4.36	
Ethyl Benzene	1.796	1.622	0.1	-9.69	

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

COMPOUND	RRF	RRF020	MIN RRF	%D	MAX%D
m/p-Xylenes	0.687	0.636	0.3	-7.42	
o-Xylene	0.663	0.611	0.3	-7.84	
Styrene	1.112	1.036	0.3	-6.84	
Bromoform	0.265	0.236	0.1	-10.94	
Isopropylbenzene	1.647	1.539		-6.56	
1,1,2,2-Tetrachloroethane	0.534	0.477	0.3	-10.67	
1,3,5-Trimethylbenzene	1.408	1.353		-3.91	
1,3-Dichlorobenzene	0.786	0.743	0.2	-5.47	
1,4-Dichlorobenzene	0.776	0.748	0.2	-3.61	
1,2-Dichlorobenzene	0.774	0.715	0.2	-7.62	
1,2-Dibromo-3-Chloropropane	0.103	0.086		-16.5	
1,2,4-Trichlorobenzene	0.377	0.365	0.2	-3.18	
1,2,3-Trichlorobenzene	0.377	0.365		-3.18	
1,2-Dichloroethane-d4	2.412	2.387	0.01	-1.04	
Toluene-d8	1.420	1.388	0.01	-2.25	
4-Bromofluorobenzene	0.517	0.499	0.2	-3.48	

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