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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: TETR06

Lab Code: CHEM Case No.: P5283 SAS No.: P5283 SDG No.: P5283

Instrument ID: MSVOA_N Calibration Date/Time: 12/16/2024 16:33

Lab File ID: VN085216.D Init. Calib. Date(s): 12/06/2024 12/06/2024

Heated Purge: (Y/N) N Init. Calib. Time(s): 10:02 11:37

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

COMPOUND	RRF	RRF020	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	2.400	2.542		5.92	50
Chloromethane	2.124	2.194		3.3	50
Vinyl Chloride	2.173	2.299	0.1	5.8	50
Bromomethane	1.380	1.295	0.1	-6.16	50
Chloroethane	1.335	1.435		7.49	50
Trichlorofluoromethane	3.557	3.621		1.8	50
1,1,2-Trichlorotrifluoroethane	1.989	2.079		4.53	50
1,1-Dichloroethene	1.827	1.851	0.1	1.31	50
Acrolein	0.313	0.345		10.22	50
Acrylonitrile	0.895	0.922		3.02	50
Acetone	0.243	0.286		17.69	50
Carbon Disulfide	5.461	5.430		-0.57	50
Methyl tert-Butyl Ether	5.708	5.892		3.22	50
Methyl Acetate	2.155	2.321		7.7	50
Methylene Chloride	2.073	1.985		-4.24	50
trans-1,2-Dichloroethene	1.899	1.907		0.42	50
1,1-Dichloroethane	3.541	3.573	0.2	0.9	50
Cyclohexane	0.552	0.527		-4.53	50
2-Butanone	0.222	0.233		4.95	50
Carbon Tetrachloride	0.591	0.590	0.1	-0.17	50
2,2-Dichloropropane	0.621	0.621		0	50
cis-1,2-Dichloroethene	2.183	2.196		0.6	50
Chloroform	3.710	3.818	0.2	2.91	50
1,1,1-Trichloroethane	0.655	0.667	0.1	1.83	50
Methylcyclohexane	0.526	0.503		-4.37	50
1,1-Dichloropropene	0.484	0.483		-0.21	50
Benzene	1.521	1.495	0.5	-1.71	50
1,2-Dichloroethane	0.518	0.508	0.1	-1.93	50
Trichloroethene	0.362	0.357	0.3	-1.38	50
1,2-Dichloropropane	0.368	0.358		-2.72	50
Dibromomethane	0.264	0.267		1.14	50
Bromodichloromethane	0.565	0.559	0.2	-1.06	50
4-Methyl-2-Pentanone	0.490	0.496		1.22	50
Toluene	1.750	1.715	0.4	-2	50
t-1,3-Dichloropropene	0.554	0.539	0.1	-2.71	50
cis-1,3-Dichloropropene	0.604	0.579	0.2	-4.14	50
1,1,2-Trichloroethane	0.356	0.358	0.1	0.56	50
1,3-Dichloropropane	0.596	0.598		0.34	50

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
2-Hexanone	0.371	0.371		0	50
Dibromochloromethane	0.434	0.437	0.1	0.69	50
1,2-Dibromoethane	0.359	0.359		0	50
Tetrachloroethene	0.363	0.364	0.2	0.28	50
Chlorobenzene	1.080	1.100	0.5	1.85	50
1,1,1,2-Tetrachloroethane	0.403	0.400		-0.74	50
Hexachloroethane	0.285	0.297		4.21	50
Ethyl Benzene	1.857	1.856	0.1	-0.05	50
m/p-Xylenes	0.714	0.728	0.3	1.96	50
o-Xylene	0.671	0.684	0.3	1.94	50
Styrene	1.138	1.149	0.3	0.97	50
Bromoform	0.291	0.286	0.1	-1.72	50
Isopropylbenzene	1.730	1.742		0.69	50
1,1,2,2-Tetrachloroethane	0.526	0.537	0.3	2.09	50
1,2,3-Trichloropropane	0.520	0.497		-4.42	50
Bromobenzene	0.433	0.445		2.77	50
n-propylbenzene	2.079	2.096		0.82	50
2-Chlorotoluene	1.286	1.290		0.31	50
1,3,5-Trimethylbenzene	1.482	1.515		2.23	50
4-Chlorotoluene	1.305	1.313		0.61	50
tert-butylbenzene	1.217	1.212		-0.41	50
1,2,4-Trimethylbenzene	1.464	1.522		3.96	50
sec-Butylbenzene	1.729	1.739		0.58	50
p-Isopropyltoluene	1.434	1.465		2.16	50
1,3-Dichlorobenzene	0.795	0.800	0.2	0.63	50
1,4-Dichlorobenzene	0.775	0.796	0.2	2.71	50
n-Butylbenzene	1.203	1.189		-1.16	50
1,2-Dichlorobenzene	0.750	0.765	0.2	2	50
1,2-Dibromo-3-Chloropropane	0.105	0.105		0	50
1,2,4-Trichlorobenzene	0.367	0.358	0.2	-2.45	50
Hexachlorobutadiene	0.191	0.187		-2.09	50
Naphthalene	1.142	1.106		-3.15	50
1,2,3-Trichlorobenzene	0.367	0.358		-2.45	50
1,2-Dichloroethane-d4	2.380	2.419	0.01	1.64	50
Toluene-d8	1.407	1.395	0.01	-0.85	50
4-Bromofluorobenzene	0.496	0.502	0.2	1.21	50
Methyl Iodide	2.534	2.053		-18.98	50
Methyl methacrylate	0.352	0.365		3.69	50

All other compounds must meet a minimum RRF of 0.010.
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