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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: NOBI03

Lab Code: CHEM Case No.: P5306 SAS No.: P5306 SDG No.: P5306

Instrument ID: MSVOA_Y Calibration Date/Time: 12/19/2024 17:56

Lab File ID: VY020662.D Init. Calib. Date(s): 12/17/2024 12/17/2024

Heated Purge: (Y/N) Y Init. Calib. Time(s): 10:01 14:51

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.625	0.244		-60.96	50
Chloromethane	0.463	0.187	0.1	-59.61	50
Vinyl Chloride	0.431	0.173		-59.86	50
Bromomethane	0.277	0.116		-58.12	50
Chloroethane	0.266	0.106		-60.15	50
Tetrahydrofuran	0.128	0.045		-64.84	50
Trichlorofluoromethane	0.901	0.344		-61.82	50
1,1,2-Trichlorotrifluoroethane	0.646	0.267		-58.67	50
1,1-Dichloroethene	0.627	0.274		-56.3	50
Acrylonitrile	0.151	0.053		-64.9	50
Acetone	0.125	0.038		-69.6	50
Carbon Disulfide	2.040	0.907		-55.54	50
Methyl tert-butyl Ether	1.618	0.698		-56.86	50
Methylene Chloride	0.681	0.316		-53.6	50
trans-1,2-Dichloroethene	0.703	0.321		-54.34	50
1,1-Dichloroethane	1.306	0.628	0.1	-51.91	50
2-Butanone	0.204	0.067		-67.16	50
Carbon Tetrachloride	0.711	0.279		-60.76	50
2,2-Dichloropropane	1.235	0.342		-72.31	50
cis-1,2-Dichloroethene	0.809	0.382		-52.78	50
Chloroform	1.528	0.636		-58.38	50
1,1,1-Trichloroethane	1.200	0.541		-54.92	50
1,1-Dichloropropene	0.643	0.247		-61.59	50
Benzene	1.883	0.812		-56.88	50
1,2-Dichloroethane	0.500	0.198		-60.4	50
Trichloroethene	0.463	0.189		-59.18	50
1,2-Dichloropropane	0.440	0.190		-56.82	50
Dibromomethane	0.233	0.090		-61.37	50
Bromodichloromethane	0.628	0.269		-57.17	50
4-Methyl-2-Pentanone	0.302	0.096		-68.21	50
Toluene	1.170	0.495		-57.69	50
t-1,3-Dichloropropene	0.586	0.209		-64.33	50
cis-1,3-Dichloropropene	0.694	0.267		-61.53	50
1,1,2-Trichloroethane	0.308	0.118		-61.69	50
1,3-Dichloropropane	0.548	0.213		-61.13	50
2-Hexanone	0.194	0.061		-68.56	50
Dibromochloromethane	0.411	0.165		-59.85	50
1,2-Dibromoethane	0.286	0.107		-62.59	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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COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Tetrachloroethene	0.470	0.184		-60.85	50
Chlorobenzene	1.398	0.603	0.3	-56.87	50
1,1,1,2-Tetrachloroethane	0.478	0.213		-55.44	50
Ethyl Benzene	2.579	1.092		-57.66	50
m/p-Xylenes	0.959	0.403		-57.98	50
o-Xylene	0.895	0.386		-56.87	50
Styrene	1.495	0.659		-55.92	50
Bromoform	0.269	0.100	0.1	-62.83	50
Isopropylbenzene	4.363	2.164		-50.4	50
1,1,2,2-Tetrachloroethane	0.708	0.307	0.3	-56.64	50
1,2,3-Trichloropropane	0.519	0.214		-58.77	50
Bromobenzene	0.950	0.485		-48.95	50
n-propylbenzene	5.257	2.574		-51.04	50
2-Chlorotoluene	2.958	1.504		-49.15	50
1,3,5-Trimethylbenzene	3.540	1.777		-49.8	50
4-Chlorotoluene	3.068	1.543		-49.71	50
tert-Butylbenzene	3.206	1.582		-50.65	50
1,2,4-Trimethylbenzene	3.473	1.772		-48.98	50
sec-Butylbenzene	4.662	2.218		-52.42	50
p-Isopropyltoluene	3.844	1.869		-51.38	50
1,3-Dichlorobenzene	1.876	0.946		-49.57	50
1,4-Dichlorobenzene	1.858	0.916		-50.7	50
n-Butylbenzene	3.643	1.696		-53.44	50
1,2-Dichlorobenzene	1.626	0.820		-49.57	50
1,2-Dibromo-3-Chloropropane	0.115	0.044		-61.74	50
1,2,4-Trichlorobenzene	0.983	0.449		-54.32	50
Hexachlorobutadiene	0.643	0.298		-53.65	50
1,2,3-Trichlorobenzene	0.831	0.381		-54.15	50
1,2-Dichloroethane-d4	0.548	0.536		-2.19	50
Dibromofluoromethane	0.352	0.343		-2.56	50
Toluene-d8	1.233	1.276		3.49	50
4-Bromofluorobenzene	0.482	0.424		-12.03	50
trans-1,4-Dichloro-2-butene	0.247	0.081		-67.21	50

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