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: 12/23/2024 12:38

Lab File ID: VY020687.D Init. Calib. Date(s): 12/23/2024 12/23/2024

Heated Purge: (Y/N) Y Init. Calib. Time(s): 11:30 13:24

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.385	0.424		10.13	
Chloromethane	0.157	0.176		12.1	
Vinyl Chloride	0.191	0.212		10.99	
Bromomethane	0.135	0.150		11.11	
Chloroethane	0.116	0.128		10.35	
Tetrahydrofuran	0.042	0.053		26.19	
Trichlorofluoromethane	0.688	0.765		11.19	
1,1,2-Trichlorotrifluoroethane	0.376	0.413		9.84	
1,1-Dichloroethene	0.333	0.371		11.41	
Acrylonitrile	0.061	0.076		24.59	
Acetone	0.051	0.058		13.73	
Carbon Disulfide	0.831	0.978		17.69	
Methyl tert-butyl Ether	0.907	1.042		14.88	
Methylene Chloride	0.337	0.370		9.79	
trans-1,2-Dichloroethene	0.360	0.404		12.22	
1,1-Dichloroethane	0.596	0.668		12.08	
2-Butanone	0.071	0.085		19.72	
Carbon Tetrachloride	0.577	0.654		13.35	
2,2-Dichloropropane	0.746	0.798		6.97	
cis-1,2-Dichloroethene	0.428	0.472		10.28	
Chloroform	0.783	0.841		7.41	
1,1,1-Trichloroethane	0.818	0.903		10.39	
1,1-Dichloropropene	0.357	0.402		12.6	
Benzene	1.030	1.163		12.91	
1,2-Dichloroethane	0.327	0.384		17.43	
Trichloroethene	0.306	0.339		10.78	
1,2-Dichloropropane	0.202	0.231		14.36	
Dibromomethane	0.140	0.163		16.43	
Bromodichloromethane	0.396	0.461		16.41	
4-Methyl-2-Pentanone	0.121	0.148		22.31	
Toluene	0.701	0.792		12.98	
t-1,3-Dichloropropene	0.351	0.411		17.09	
cis-1,3-Dichloropropene	0.386	0.452		17.1	
1,1,2-Trichloroethane	0.181	0.214		18.23	
1,3-Dichloropropane	0.296	0.353		19.26	
2-Hexanone	0.077	0.100		29.87	
Dibromochloromethane	0.289	0.335		15.92	
1,2-Dibromoethane	0.170	0.203		19.41	

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

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: 12/23/2024 12:38

Lab File ID: VY020687.D Init. Calib. Date(s): 12/23/2024 12/23/2024

Heated Purge: (Y/N) Y Init. Calib. Time(s): 11:30 13:24

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Tetrachloroethene	0.332	0.362		9.04	
Chlorobenzene	0.934	1.022		9.42	
1,1,1,2-Tetrachloroethane	0.365	0.398		9.04	
Ethyl Benzene	1.676	1.841		9.85	
m/p-Xylenes	0.639	0.703		10.02	
o-Xylene	0.600	0.670		11.67	
Styrene	1.010	1.119		10.79	
Bromoform	0.209	0.247		18.18	
Isopropylbenzene	3.401	3.667		7.82	
1,1,2,2-Tetrachloroethane	0.438	0.498		13.7	
1,2,3-Trichloropropane	0.345	0.349		1.16	
Bromobenzene	0.774	0.853		10.21	
n-propylbenzene	3.834	4.131		7.75	
2-Chlorotoluene	2.183	2.368		8.48	
1,3,5-Trimethylbenzene	2.821	3.058		8.4	
4-Chlorotoluene	2.226	2.421		8.76	
tert-Butylbenzene	2.625	2.842		8.27	
1,2,4-Trimethylbenzene	2.756	3.039		10.27	
sec-Butylbenzene	3.534	3.813		7.89	
p-Isopropyltoluene	3.090	3.376		9.26	
1,3-Dichlorobenzene	1.504	1.675		11.37	
1,4-Dichlorobenzene	1.474	1.605		8.89	
n-Butylbenzene	2.603	2.825		8.53	
1,2-Dichlorobenzene	1.291	1.431		10.84	
1,2-Dibromo-3-Chloropropane	0.083	0.096		15.66	
1,2,4-Trichlorobenzene	0.767	0.882		14.99	
Hexachlorobutadiene	0.571	0.628		9.98	
1,2,3-Trichlorobenzene	0.641	0.747		16.54	
1,2-Dichloroethane-d4	0.443	0.511		15.35	
Dibromofluoromethane	0.294	0.330		12.24	
Toluene-d8	1.066	1.244		16.7	
4-Bromofluorobenzene	0.388	0.424		9.28	
trans-1,4-Dichloro-2-butene	0.159	0.195		22.64	

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