284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: NOBI03

Lab Code: CHEM Case No.: Q1382 SAS No.: Q1382 SDG No.: Q1382

Instrument ID: MSVOA_Y Calibration Date/Time: 02/19/2025 14:55

Lab File ID: VY021236.D Init. Calib. Date(s): 02/03/2025 02/03/2025

Heated Purge: (Y/N) Y Init. Calib. Time(s): 10:35 12:44

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.446	0.387		-13.23	20
Chloromethane	0.440	0.431	0.1	-2.05	20
Vinyl Chloride	0.443	0.466		5.19	20
Bromomethane	0.274	0.268		-2.19	20
Chloroethane	0.263	0.286		8.74	20
Tetrahydrofuran	0.089	0.090		1.12	20
Trichlorofluoromethane	0.806	0.806		0	20
1,1,2-Trichlorotrifluoroethane	0.506	0.489		-3.36	20
1,1-Dichloroethene	0.477	0.455		-4.61	20
Acrylonitrile	0.105	0.107		1.9	20
Acetone	0.080	0.083		3.75	20
Carbon Disulfide	1.495	1.273		-14.85	20
Methyl tert-butyl Ether	1.205	1.247		3.48	20
Methylene Chloride	0.497	0.494		-0.6	20
trans-1,2-Dichloroethene	0.525	0.503		-4.19	20
1,1-Dichloroethane	0.970	0.977	0.1	0.72	20
2-Butanone	0.131	0.135		3.05	20
Carbon Tetrachloride	0.555	0.538		-3.06	20
2,2-Dichloropropane	0.898	0.891		-0.78	20
cis-1,2-Dichloroethene	0.604	0.603		-0.17	20
Chloroform	0.997	1.001		0.4	20
1,1,1-Trichloroethane	0.927	0.926		-0.11	20
1,1-Dichloropropene	0.475	0.457		-3.79	20
Benzene	1.393	1.364		-2.08	20
1,2-Dichloroethane	0.386	0.384		-0.52	20
Trichloroethene	0.360	0.351		-2.5	20
1,2-Dichloropropane	0.331	0.339		2.42	20
Dibromomethane	0.183	0.180		-1.64	20
Bromodichloromethane	0.491	0.497		1.22	20
4-Methyl-2-Pentanone	0.208	0.218		4.81	20
Toluene	0.875	0.869		-0.69	20
t-1,3-Dichloropropene	0.441	0.461		4.53	20
cis-1,3-Dichloropropene	0.522	0.538		3.07	20
1,1,2-Trichloroethane	0.237	0.237		0	20
1,3-Dichloropropane	0.410	0.425		3.66	20
2-Hexanone	0.134	0.144		7.46	20
Dibromochloromethane	0.333	0.339		1.8	20
1,2-Dibromoethane	0.222	0.218		-1.8	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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GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Tetrachloroethene	0.371	0.356		-4.04	20
Chlorobenzene	1.113	1.109	0.3	-0.36	20
1,1,1,2-Tetrachloroethane	0.396	0.396		0	20
Ethyl Benzene	1.969	1.992		1.17	20
m/p-Xylenes	0.737	0.734		-0.41	20
o-Xylene	0.687	0.708		3.06	20
Styrene	1.145	1.182		3.23	20
Bromoform	0.220	0.219	0.1	-0.46	20
Isopropylbenzene	3.906	4.141		6.02	20
1,1,2,2-Tetrachloroethane	0.650	0.643	0.3	-1.08	20
1,2,3-Trichloropropane	0.454	0.435		-4.18	20
Bromobenzene	0.901	0.886		-1.66	20
n-propylbenzene	4.653	4.776		2.64	20
2-Chlorotoluene	2.665	2.695		1.13	20
1,3,5-Trimethylbenzene	3.167	3.206		1.23	20
4-Chlorotoluene	2.715	2.949		8.62	20
tert-Butylbenzene	2.878	2.926		1.67	20
1,2,4-Trimethylbenzene	3.096	3.199		3.33	20
sec-Butylbenzene	4.143	4.321		4.3	20
p-Isopropyltoluene	3.442	3.561		3.46	20
1,3-Dichlorobenzene	1.740	1.736		-0.23	20
1,4-Dichlorobenzene	1.714	1.688		-1.52	20
n-Butylbenzene	3.140	3.366		7.2	20
1,2-Dichlorobenzene	1.510	1.502		-0.53	20
1,2-Dibromo-3-Chloropropane	0.097	0.102		5.16	20
1,2,4-Trichlorobenzene	0.841	0.910		8.2	20
Hexachlorobutadiene	0.557	0.579		3.95	20
1,2,3-Trichlorobenzene	0.700	0.748		6.86	20
1,2-Dichloroethane-d4	0.512	0.470		-8.2	20
Dibromofluoromethane	0.320	0.299		-6.56	20
Toluene-d8	1.220	1.094		-10.33	20
4-Bromofluorobenzene	0.399	0.376		-5.76	20
trans-1,4-Dichloro-2-butene	0.222	0.944		325.23	20

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