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

Lab Name: CHEMTECH Contract: AECO15

Lab Code: CHEM Case No.: P5317 SAS No.: P5317 SDG No.: P5317

Instrument ID: MSVOA_X Calibration Date/Time: 12/19/2024 07:14

Lab File ID: VX044419.D Init. Calib. Date(s): 12/11/2024 12/11/2024

Heated Purge: (Y/N) N Init. Calib. Time(s): 10:41 13:00

GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.773	0.726		-6.08	50
Chloromethane	0.739	0.772	0.1	4.47	50
Vinyl Chloride	0.770	0.787		2.21	50
Bromomethane	0.546	0.550		0.73	50
Chloroethane	0.480	0.563		17.29	50
Trichlorofluoromethane	1.508	1.206		-20.03	50
1,1,2-Trichlorotrifluoroethane	0.610	0.523		-14.26	50
1,1-Dichloroethene	0.560	0.578		3.21	50
Acetone	0.357	0.336		-5.88	50
Carbon Disulfide	1.065	1.140		7.04	50
Methyl tert-butyl Ether	2.187	2.245		2.65	50
Methyl Acetate	0.922	0.957		3.8	50
Methylene Chloride	0.671	0.712		6.11	50
trans-1,2-Dichloroethene	0.596	0.598		0.34	50
1,1-Dichloroethane	1.172	1.226	0.1	4.61	50
Cyclohexane	0.946	0.810		-14.38	50
2-Butanone	0.508	0.510		0.39	50
Carbon Tetrachloride	0.482	0.467		-3.11	50
cis-1,2-Dichloroethene	0.756	0.755		-0.13	50
Bromochloromethane	0.575	0.579		0.7	50
Chloroform	1.316	1.295		-1.6	50
1,1,1-Trichloroethane	1.093	1.063		-2.74	50
Methylcyclohexane	0.535	0.445		-16.82	50
Benzene	1.359	1.429		5.15	50
1,2-Dichloroethane	0.560	0.575		2.68	50
Trichloroethene	0.339	0.345		1.77	50
1,2-Dichloropropane	0.347	0.365		5.19	50
Bromodichloromethane	0.465	0.507		9.03	50
4-Methyl-2-Pentanone	0.556	0.581		4.5	50
Toluene	0.853	0.839		-1.64	50
t-1,3-Dichloropropene	0.455	0.461		1.32	50
cis-1,3-Dichloropropene	0.507	0.509		0.39	50
1,1,2-Trichloroethane	0.339	0.362		6.78	50
2-Hexanone	0.403	0.424		5.21	50
Dibromochloromethane	0.326	0.365		11.96	50
1,2-Dibromoethane	0.345	0.373		8.12	50
Tetrachloroethene	0.332	0.307		-7.53	50
Chlorobenzene	1.071	1.058	0.3	-1.21	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
Ethyl Benzene	1.851	1.801		-2.7	50
m/p-Xylenes	0.679	0.675		-0.59	50
o-Xylene	0.687	0.679		-1.16	50
Styrene	1.102	1.142		3.63	50
Bromoform	0.219	0.254	0.1	15.98	50
Isopropylbenzene	3.828	3.679		-3.89	50
1,1,2,2-Tetrachloroethane	1.329	1.400	0.3	5.34	50
1,3-Dichlorobenzene	1.621	1.642		1.29	50
1,4-Dichlorobenzene	1.667	1.638		-1.74	50
1,2-Dichlorobenzene	1.684	1.704		1.19	50
1,2-Dibromo-3-Chloropropane	0.258	0.260		0.77	50
1,2,4-Trichlorobenzene	0.923	0.972		5.31	50
1,2,3-Trichlorobenzene	0.979	1.003		2.45	50
1,2-Dichloroethane-d4	0.877	0.848		-3.31	50
Dibromofluoromethane	0.346	0.362		4.62	50
Toluene-d8	1.168	1.160		-0.69	50
4-Bromofluorobenzene	0.408	0.396		-2.94	50

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