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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: AECO15

Lab Code: CHEM Case No.: P5164 SAS No.: P5164 SDG No.: P5164

Instrument ID: MSVOA_X Calibration Date/Time: 12/09/2024 09:42

Lab File ID: VX044174.D Init. Calib. Date(s): 11/21/2024 11/21/2024

Heated Purge: (Y/N) N Init. Calib. Time(s): 09:47 12:03

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.633	0.610		-3.63	20
Chloromethane	0.667	0.648	0.1	-2.85	20
Vinyl Chloride	0.709	0.724		2.12	20
Bromomethane	0.436	0.494		13.3	20
Chloroethane	0.432	0.500		15.74	20
Trichlorofluoromethane	1.268	1.627		28.31	20
1,1,2-Trichlorotrifluoroethane	0.605	0.671		10.91	20
1,1-Dichloroethene	0.576	0.615		6.77	20
Acetone	0.394	0.454		15.23	20
Carbon Disulfide	1.188	1.224		3.03	20
Methyl tert-butyl Ether	2.092	2.437		16.49	20
Methyl Acetate	0.917	0.987		7.63	20
Methylene Chloride	0.668	0.701		4.94	20
trans-1,2-Dichloroethene	0.595	0.641		7.73	20
1,1-Dichloroethane	1.161	1.300	0.1	11.97	20
Cyclohexane	0.956	1.016		6.28	20
2-Butanone	0.508	0.578		13.78	20
Carbon Tetrachloride	0.500	0.592		18.4	20
cis-1,2-Dichloroethene	0.735	0.807		9.8	20
Bromochloromethane	0.511	0.481		-5.87	20
Chloroform	1.249	1.399		12.01	20
1,1,1-Trichloroethane	1.077	1.285		19.31	20
Methylcyclohexane	0.578	0.649		12.28	20
Benzene	1.387	1.514		9.16	20
1,2-Dichloroethane	0.557	0.636		14.18	20
Trichloroethene	0.393	0.381		-3.05	20
1,2-Dichloropropane	0.340	0.389		14.41	20
Bromodichloromethane	0.482	0.601		24.69	20
4-Methyl-2-Pentanone	0.537	0.626		16.57	20
Toluene	0.830	0.946		13.98	20
t-1,3-Dichloropropene	0.491	0.595		21.18	20
cis-1,3-Dichloropropene	0.539	0.643		19.3	20
1,1,2-Trichloroethane	0.343	0.391		13.99	20
2-Hexanone	0.403	0.478		18.61	20
Dibromochloromethane	0.344	0.434		26.16	20
1,2-Dibromoethane	0.346	0.408		17.92	20
Tetrachloroethene	0.330	0.372		12.73	20
Chlorobenzene	1.098	1.208	0.3	10.02	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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COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.861	2.172		16.71	20
m/p-Xylenes	0.694	0.800		15.27	20
o-Xylene	0.678	0.805		18.73	20
Styrene	1.121	1.342		19.72	20
Bromoform	0.240	0.311	0.1	29.58	20
Isopropylbenzene	3.843	4.238		10.28	20
1,1,2,2-Tetrachloroethane	1.316	1.394	0.3	5.93	20
1,3-Dichlorobenzene	1.670	1.830		9.58	20
1,4-Dichlorobenzene	1.702	1.840		8.11	20
1,2-Dichlorobenzene	1.685	1.854		10.03	20
1,2-Dibromo-3-Chloropropane	0.264	0.314		18.94	20
1,2,4-Trichlorobenzene	0.994	1.113		11.87	20
1,2,3-Trichlorobenzene	1.006	1.129		12.23	20
1,2-Dichloroethane-d4	0.858	0.874		1.87	20
Dibromofluoromethane	0.357	0.368		3.08	20
Toluene-d8	1.232	1.205		-2.19	20
4-Bromofluorobenzene	0.419	0.452		7.88	20

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