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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: NOBI03
Lab Code: ACE
SDG No.: Q2259
Instrument ID: MSVOA_Y
Calibration Date/Time: 06/10/2025 09:46
Lab File ID: VY022638.D
Init. Calib. Date(s): 06/02/2025 06/02/2025
Heated Purge: (Y/N) Y
Init. Calib. Time(s): 11:46 13:39
GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.448	0.394		-12.05	20
Chloromethane	1.322	1.335	0.1	0.98	20
Vinyl Chloride	1.534	1.619		5.54	20
Bromomethane	1.470	1.262		-14.15	20
Chloroethane	1.053	1.078		2.37	20
Tetrahydrofuran	0.106	0.098		-7.55	20
Trichlorofluoromethane	1.302	1.299		-0.23	20
1,1,2-Trichlorotrifluoroethane	0.549	0.532		-3.1	20
1,1-Dichloroethene	0.524	0.505		-3.63	20
Acrylonitrile	0.124	0.119		-4.03	20
Acetone	0.114	0.097		-14.91	20
Carbon Disulfide	1.679	1.558		-7.21	20
Methyl tert-butyl Ether	1.477	1.397		-5.42	20
Methylene Chloride	0.645	0.605		-6.2	20
trans-1,2-Dichloroethene	0.587	0.579		-1.36	20
1,1-Dichloroethane	1.079	1.086	0.1	0.65	20
2-Butanone	0.164	0.151		-7.93	20
Carbon Tetrachloride	0.497	0.497		0	20
2,2-Dichloropropane	0.954	0.933		-2.2	20
cis-1,2-Dichloroethene	0.678	0.681		0.44	20
Chloroform	1.069	1.103		3.18	20
1,1,1-Trichloroethane	0.949	0.955		0.63	20
1,1-Dichloropropene	0.484	0.481		-0.62	20
Benzene	1.431	1.470		2.72	20
1,2-Dichloroethane	0.391	0.394		0.77	20
Trichloroethene	0.350	0.350		0	20
1,2-Dichloropropane	0.338	0.349		3.25	20
Dibromomethane	0.190	0.194		2.11	20
Bromodichloromethane	0.482	0.511		6.02	20
4-Methyl-2-Pentanone	0.233	0.226		-3	20
Toluene	0.899	0.923		2.67	20
t-1,3-Dichloropropene	0.452	0.448		-0.88	20
cis-1,3-Dichloropropene	0.526	0.536		1.9	20
1,1,2-Trichloroethane	0.243	0.249		2.47	20
1,3-Dichloropropane	0.430	0.440		2.33	20
2-Hexanone	0.156	0.149		-4.49	20
Dibromochloromethane	0.308	0.311		0.97	20
1,2-Dibromoethane	0.221	0.227		2.71	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
Tetrachloroethene	0.430	0.453		5.35	20
Chlorobenzene	1.106	1.112	0.3	0.54	20
1,1,1,2-Tetrachloroethane	0.373	0.373		0	20
Ethyl Benzene	2.052	2.078		1.27	20
m/p-Xylenes	0.778	0.785		0.9	20
o-Xylene	0.729	0.742		1.78	20
Styrene	1.206	1.231		2.07	20
Bromoform	0.198	0.190	0.1	-4.04	20
Isopropylbenzene	4.105	4.062		-1.05	20
1,1,2,2-Tetrachloroethane	0.674	0.647	0.3	-4.01	20
1,2,3-Trichloropropane	0.572	0.514		-10.14	20
Bromobenzene	0.866	0.865		-0.12	20
n-propylbenzene	5.014	5.003		-0.22	20
2-Chlorotoluene	2.657	2.636		-0.79	20
1,3,5-Trimethylbenzene	3.223	3.206		-0.53	20
4-Chlorotoluene	2.741	2.754		0.47	20
tert-Butylbenzene	2.893	2.894		0.04	20
1,2,4-Trimethylbenzene	3.223	3.210		-0.4	20
sec-Butylbenzene	4.430	4.413		-0.38	20
p-Isopropyltoluene	3.652	3.601		-1.4	20
1,3-Dichlorobenzene	1.755	1.761		0.34	20
1,4-Dichlorobenzene	1.702	1.724		1.29	20
n-Butylbenzene	3.464	3.528		1.85	20
1,2-Dichlorobenzene	1.490	1.491		0.07	20
1,2-Dibromo-3-Chloropropane	0.098	0.101		3.06	20
1,2,4-Trichlorobenzene	0.813	0.812		-0.12	20
Hexachlorobutadiene	0.449	0.450		0.22	20
1,2,3-Trichlorobenzene	0.697	0.681		-2.3	20
1,2-Dichloroethane-d4	0.559	0.601		7.51	20
Dibromofluoromethane	0.298	0.326		9.4	20
Toluene-d8	1.206	1.305		8.21	20
4-Bromofluorobenzene	0.359	0.387		7.8	20
trans-1,4-Dichloro-2-butene	0.237	0.219		-7.59	20

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