FORM 7A-OR

INITIAL CALIBRATION VERIFICATION AND CONTINUING CALIBRATION VERIFICATION FOR GC/MS

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: Sharkey I MA No.: SDG No.: Q3688

Analytical Method: VOA Level:

Instrument ID: MSVOA_U Date Analyzed: 11/21/2025 Time: 16:34

Lab File ID: VU063772.D Init. Calib Date(s): 11/17/2025 11/17/2025

EPA Sample No.: VSTD050116 Init. Calib Time(s): 11:16 12:58

GC Column: DB-624UI ID: 0.18 (mm) Length: 20 (m)

Heated Purge: (Y/N) N Purge Volume: 5 (mL)

ANALYTE	$\overline{RRF}$	RRF50	MIN RRF	%D	MAX %D
Dichlorodifluoromethane	0.291	0.274	0.01	-5.9	± 50.0
Chloromethane	0.329	0.301	0.01	-8.4	± 50.0
Vinyl chloride	0.383	0.375	0.01	-2.1	± 50.0
Bromomethane	0.243	0.247	0.01	1.8	± 50.0
Chloroethane	0.256	0.260	0.01	1.8	± 50.0
Trichlorofluoromethane	0.604	0.616	0.01	1.9	± 50.0
1,1-Dichloroethene	0.326	0.311	0.06	-4.6	± 50.0
1,1,2-Trichloro-1,2,2-trifluoroet	0.357	0.347	0.01	-2.8	± 50.0
Acetone	0.333	0.289	0.01	-13.3	± 50.0
Carbon disulfide	0.850	0.700	0.01	-17.7	± 50.0
Methyl Acetate	0.400	0.396	0.01	-1.1	± 50.0
Methylene chloride	0.380	0.368	0.01	-3.3	± 50.0
trans-1,2-Dichloroethene	0.348	0.325	0.1	-6.6	± 50.0
Methyl tert-butyl Ether	1.178	1.137	0.1	-3.4	± 50.0
1,1-Dichloroethane	0.671	0.655	0.3	-2.3	± 50.0
cis-1,2-Dichloroethene	0.401	0.393	0.2	-1.8	± 50.0
2-Butanone	0.370	0.328	0.01	-11.5	± 50.0
Bromochloromethane	0.206	0.207	0.05	0.7	± 50.0
Chloroform	0.726	0.721	0.3	-0.6	± 50.0
1,1,1-Trichloroethane	0.638	0.614	0.05	-3.8	± 50.0
Cyclohexane	0.629	0.590	0.01	-6.2	± 50.0
Carbon tetrachloride	0.502	0.491	0.1	-2.2	± 50.0
Benzene	1.525	1.510	0.2	-1	± 50.0
1,2-Dichloroethane	0.593	0.594	0.07	0.3	± 50.0
Trichloroethene	0.440	0.425	0.1	-3.3	± 50.0
Methylcyclohexane	0.645	0.602	0.05	-6.8	± 50.0
1,2-Dichloropropane	0.396	0.392	0.1	-1	± 50.0

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Heated Purge: (Y/N) N Purge Volume: 5 (mL)

ANALYTE	$\overline{RRF}$	RRF50	MIN RRF	%D	MAX %D
Bromodichloromethane	0.543	0.522	0.01	-3.8	± 50.0
cis-1,3-Dichloropropene	0.588	0.554	0.3	-5.7	± 50.0
4-Methyl-2-pentanone	0.574	0.573	0.01	-0.1	± 50.0
Toluene	1.684	1.644	0.4	-2.3	± 50.0
trans-1,3-Dichloropropene	0.513	0.457	0.2	-10.9	± 50.0
1,1,2-Trichloroethane	0.419	0.424	0.1	1.1	± 50.0
Tetrachloroethene	0.336	0.317	0.1	-5.7	± 50.0
2-Hexanone	0.450	0.455	0.01	1.0	± 50.0
Dibromochloromethane	0.405	0.389	0.01	-3.9	± 50.0
1,2-Dibromoethane	0.440	0.437	0.01	-0.7	± 50.0
Chlorobenzene	1.136	1.095	0.4	-3.6	± 50.0
Ethylbenzene	1.955	1.888	0.4	-3.4	± 50.0
o-Xylene	0.726	0.715	0.2	-1.5	± 50.0
m,p-Xylene	0.745	0.725	0.2	-2.7	± 50.0
Styrene	1.176	1.182	0.2	0.6	± 50.0
Bromoform	0.568	0.505	0.01	-11.1	± 50.0
Isopropylbenzene	3.772	3.524	0.4	-6.6	± 50.0
1,2,3-Trichloropropane	1.091	1.053	0.01	-3.5	± 50.0
1,1,2,2-Tetrachloroethane	0.683	0.670	0.01	-1.9	± 50.0
1,3-Dichlorobenzene	1.691	1.556	0.5	-8	± 50.0
1,4-Dichlorobenzene	1.732	1.568	0.6	-9.5	± 50.0
1,2-Dichlorobenzene	1.639	1.536	0.6	-6.3	± 50.0
1,2-Dibromo-3-chloropropane	0.269	0.249	0.01	-7.5	± 50.0
1,2,4-Trimethylbenzene	2.962	2.786	0.4	-5.9	± 50.0
1,3,5-Trimethylbenzene	3.103	2.901	0.4	-6.5	± 50.0
1,2,4-trichlorobenzene	0.953	0.857	0.4	-10	± 50.0
1,2,3-Trichlorobenzene	0.903	0.830	0.3	-8.1	± 50.0

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ANALYTE	$\overline{RRF}$	RRF50	MIN RRF	%D	MAX %D
Vinyl Chloride-d3	0.432	0.365	0.01	-15.5	± 50.0
Chloroethane-d5	0.333	0.292	0.01	-12.3	± 50.0
1,1-Dichloroethene-d2	0.748	0.679	0.05	-9.2	± 50.0
2-Butanone-d5	0.246	0.224	0.01	-8.9	± 50.0
Chloroform-d	0.724	0.689	0.3	-4.9	± 50.0
1,2-Dichloroethane-d4	0.476	0.437	0.06	-8.3	± 50.0
Benzene-d6	1.466	1.334	0.3	-9	± 50.0
1,2-Dichloropropane-d6	0.430	0.388	0.2	-9.9	± 50.0
Toluene-d8	1.392	1.260	0.3	-9.5	± 50.0
trans-1,3-Dichloropropene-d4	0.178	0.151	0.01	-14.9	± 50.0
2-Hexanone-d5	0.156	0.147	0.01	-5.9	± 50.0
1,1,2,2-Tetrachloroethane-d2	0.629	0.602	0.2	-4.3	± 50.0
1,2-Dichlorobenzene-d4	0.944	0.891	0.4	-5.6	± 50.0