

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.: ARC Sayre MA No.: 30184323.0 SDG No.: Q3084
 Analytical Method: Trace VOA Level: _____
 Instrument ID: MSVOA_V Date Analyzed: 09/16/2025 Time: 09:25
 Lab File ID: VV039092.D Init. Calib Date(s): 09/15/2025 09/15/2025
 EPA Sample No.: VSTD005356 Init. Calib Time(s): 09:55 12:08
 GC Column: DB-624UI ID: 0.18 (mm) Length: 30 (m)
 Heated Purge: (Y/N) N Purge Volume: 25 (mL)

ANALYTE	RRF	RRF5.0	MIN RRF	%D	MAX %D
Vinyl chloride	0.548	0.597	0.01	9.0	± 30.0
1,1-Dichloroethene	0.411	0.440	0.02	7.2	± 25.0
Methylene chloride	0.462	0.480	0.01	4.0	± 30.0
1,1-Dichloroethane	0.766	0.854	0.1	11.4	± 20.0
cis-1,2-Dichloroethene	0.408	0.442	0.1	8.5	± 25.0
Chloroform	0.794	0.901	0.04	13.5	± 20.0
1,1,1-Trichloroethane	0.689	0.763	0.05	10.9	± 20.0
Benzene	1.574	1.795	0.3	14	± 20.0
1,2-Dichloroethane	0.407	0.467	0.01	14.6	± 25.0
Trichloroethene	0.424	0.457	0.1	7.7	± 20.0
Toluene	1.640	1.963	0.4	19.7	± 20.0
Tetrachloroethene	0.332	0.359	0.1	8.2	± 20.0
Chlorobenzene	1.059	1.181	0.4	11.5	± 20.0
o-Xylene	0.603	0.679	0.3	12.7	± 25.0
m,p-Xylene	0.657	0.763	0.2	16.1	± 25.0
1,1,2,2-Tetrachloroethane	0.312	0.358	0.01	14.6	± 25.0
1,4-Dichlorobenzene	1.688	1.830	0.7	8.4	± 20.0
1,2,4-trichlorobenzene	0.805	0.788	0.2	-2.1	± 30.0
Vinyl Chloride-d3	0.394	0.367	0.01	-7	± 30.0
Chloroethane-d5	0.342	0.338	0.01	-1	± 30.0
1,1-Dichloroethene-d2	0.188	0.175	0.01	-6.7	± 25.0
2-Butanone-d5	0.059	0.059	0.01	0.3	± 40.0
Chloroform-d	0.766	0.813	0.01	6.1	± 20.0
1,2-Dichloroethane-d4	0.323	0.329	0.01	1.9	± 25.0
Benzene-d6	1.368	1.385	0.03	1.2	± 20.0
1,2-Dichloropropane-d6	0.409	0.421	0.1	2.9	± 20.0
Toluene-d8	1.225	1.301	0.2	6.2	± 20.0

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ANALYTE	<u>RRF</u>	RRF5.0	MIN RRF	%D	MAX %D
trans-1,3-Dichloropropene-d4	0.150	0.148	0.01	-1.2	± 25.0
2-Hexanone-d5	0.048	0.050	0.01	2.4	± 40.0
1,1,2,2-Tetrachloroethane-d2	0.292	0.314	0.01	7.5	± 25.0
1,2-Dichlorobenzene-d4	0.805	0.774	0.06	-3.8	± 20.0