

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: 19:13
 Lab File ID: VV039117.D Init. Calib Date(s): 09/15/2025 09/15/2025
 EPA Sample No.: VSTD005357 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	0.519	0.01	-5.1	± 50.0
1,1-Dichloroethene	0.411	0.387	0.02	-5.8	± 50.0
Methylene chloride	0.462	0.465	0.01	0.5	± 50.0
1,1-Dichloroethane	0.766	0.807	0.1	5.3	± 50.0
cis-1,2-Dichloroethene	0.408	0.420	0.1	3.0	± 50.0
Chloroform	0.794	0.824	0.04	3.8	± 50.0
1,1,1-Trichloroethane	0.689	0.671	0.05	-2.6	± 50.0
Benzene	1.574	1.633	0.3	3.7	± 50.0
1,2-Dichloroethane	0.407	0.462	0.01	13.5	± 50.0
Trichloroethene	0.424	0.416	0.1	-1.8	± 50.0
Toluene	1.640	1.764	0.4	7.5	± 50.0
Tetrachloroethene	0.332	0.315	0.1	-4.9	± 50.0
Chlorobenzene	1.059	1.093	0.4	3.3	± 50.0
o-Xylene	0.603	0.595	0.3	-1.3	± 50.0
m,p-Xylene	0.657	0.678	0.2	3.2	± 50.0
1,1,2,2-Tetrachloroethane	0.312	0.322	0.01	3.1	± 50.0
1,4-Dichlorobenzene	1.688	1.719	0.7	1.8	± 50.0
1,2,4-trichlorobenzene	0.805	0.753	0.2	-6.5	± 50.0
Vinyl Chloride-d3	0.394	0.263	0.01	-33.2	± 50.0
Chloroethane-d5	0.342	0.259	0.01	-24.3	± 50.0
1,1-Dichloroethene-d2	0.188	0.130	0.01	-31	± 50.0
2-Butanone-d5	0.059	0.062	0.01	5.1	± 50.0
Chloroform-d	0.766	0.665	0.01	-13.1	± 50.0
1,2-Dichloroethane-d4	0.323	0.285	0.01	-11.8	± 50.0
Benzene-d6	1.368	1.075	0.03	-21.5	± 50.0
1,2-Dichloropropane-d6	0.409	0.333	0.1	-18.7	± 50.0
Toluene-d8	1.225	0.995	0.2	-18.7	± 50.0

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: 19:13
 Lab File ID: VV039117.D Init. Calib Date(s): 09/15/2025 09/15/2025
 EPA Sample No.: VSTD005357 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	<u>RRF</u>	RRF5.0	MIN RRF	%D	MAX %D
trans-1,3-Dichloropropene-d4	0.150	0.125	0.01	-16.6	± 50.0
2-Hexanone-d5	0.048	0.048	0.01	-1.8	± 50.0
1,1,2,2-Tetrachloroethane-d2	0.292	0.249	0.01	-14.5	± 50.0
1,2-Dichlorobenzene-d4	0.805	0.640	0.06	-20.4	± 50.0