

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: 09/15/2025 Time: 12:49
 Lab File ID: VV039073.D Init. Calib Date(s): 09/15/2025 09/15/2025
 EPA Sample No.: VICV259 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	0.561	0.01	2.4	± 30.0
1,1-Dichloroethene	0.411	0.408	0.02	-0.5	± 25.0
Methylene chloride	0.462	0.466	0.01	0.9	± 30.0
1,1-Dichloroethane	0.766	0.787	0.1	2.6	± 20.0
cis-1,2-Dichloroethene	0.408	0.423	0.1	3.6	± 25.0
Chloroform	0.794	0.815	0.04	2.6	± 20.0
1,1,1-Trichloroethane	0.689	0.733	0.05	6.5	± 20.0
Benzene	1.574	1.737	0.3	10.4	± 20.0
1,2-Dichloroethane	0.407	0.422	0.01	3.5	± 25.0
Trichloroethene	0.424	0.445	0.1	4.8	± 20.0
Toluene	1.640	1.817	0.4	10.8	± 20.0
Tetrachloroethene	0.332	0.351	0.1	5.8	± 20.0
Chlorobenzene	1.059	1.119	0.4	5.7	± 20.0
o-Xylene	0.603	0.662	0.3	9.8	± 25.0
m,p-Xylene	0.657	0.711	0.2	8.2	± 25.0
1,1,2,2-Tetrachloroethane	0.312	0.331	0.01	6.0	± 25.0
1,4-Dichlorobenzene	1.688	1.686	0.7	-0.2	± 20.0
1,2,4-trichlorobenzene	0.805	0.709	0.2	-12	± 30.0
Vinyl Chloride-d3	0.394	0.405	0.01	2.8	± 30.0
Chloroethane-d5	0.342	0.350	0.01	2.5	± 30.0
1,1-Dichloroethene-d2	0.188	0.183	0.01	-2.6	± 25.0
2-Butanone-d5	0.059	0.060	0.01	3.1	± 40.0
Chloroform-d	0.766	0.792	0.01	3.4	± 20.0
1,2-Dichloroethane-d4	0.323	0.334	0.01	3.4	± 25.0
Benzene-d6	1.368	1.491	0.03	9.0	± 20.0
1,2-Dichloropropane-d6	0.409	0.419	0.1	2.3	± 20.0
Toluene-d8	1.225	1.378	0.2	12.5	± 20.0

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ANALYTE	$\overline{\text{RRF}}$	RRF5.0	MIN RRF	%D	MAX %D
trans-1,3-Dichloropropene-d4	0.150	0.156	0.01	4.4	± 25.0
2-Hexanone-d5	0.048	0.051	0.01	5.0	± 40.0
1,1,2,2-Tetrachloroethane-d2	0.292	0.316	0.01	8.3	± 25.0
1,2-Dichlorobenzene-d4	0.805	0.808	0.06	0.5	± 20.0