

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: 10:18
 Lab File ID: VV039068.D Init. Calib Date(s): 09/15/2025 09/15/2025
 EPA Sample No.: VSTD005255 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	0.558	0.01	2.0	± 30.0
1,1-Dichloroethene	0.411	0.431	0.02	5.0	± 30.0
Methylene chloride	0.462	0.442	0.01	-4.2	± 40.0
1,1-Dichloroethane	0.766	0.803	0.1	4.8	± 30.0
cis-1,2-Dichloroethene	0.408	0.418	0.1	2.6	± 20.0
Chloroform	0.794	0.834	0.04	5.0	± 30.0
1,1,1-Trichloroethane	0.689	0.730	0.05	6.0	± 30.0
Benzene	1.574	1.723	0.3	9.5	± 20.0
1,2-Dichloroethane	0.407	0.437	0.01	7.2	± 20.0
Trichloroethene	0.424	0.436	0.1	2.8	± 30.0
Toluene	1.640	1.829	0.4	11.5	± 20.0
Tetrachloroethene	0.332	0.345	0.1	3.9	± 20.0
Chlorobenzene	1.059	1.096	0.4	3.5	± 20.0
o-Xylene	0.603	0.639	0.3	5.9	± 30.0
m,p-Xylene	0.657	0.707	0.2	7.6	± 30.0
1,1,2,2-Tetrachloroethane	0.312	0.329	0.01	5.3	± 20.0
1,4-Dichlorobenzene	1.688	1.714	0.7	1.5	± 20.0
1,2,4-trichlorobenzene	0.805	0.801	0.2	-0.5	± 30.0
Vinyl Chloride-d3	0.394	0.399	0.01	1.2	± 40.0
Chloroethane-d5	0.342	0.355	0.01	3.9	± 40.0
1,1-Dichloroethene-d2	0.188	0.193	0.01	3.0	± 30.0
2-Butanone-d5	0.059	0.058	0.01	-0.5	± 40.0
Chloroform-d	0.766	0.806	0.01	5.3	± 20.0
1,2-Dichloroethane-d4	0.323	0.343	0.01	6.3	± 20.0
Benzene-d6	1.368	1.464	0.03	7.0	± 20.0
1,2-Dichloropropane-d6	0.409	0.426	0.1	4.1	± 20.0
Toluene-d8	1.225	1.375	0.2	12.3	± 20.0

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ANALYTE	$\overline{\text{RRF}}$	RRF5.0	MIN RRF	%D	MAX %D
trans-1,3-Dichloropropene-d4	0.150	0.154	0.01	3.0	± 30.0
2-Hexanone-d5	0.048	0.048	0.01	-0.4	± 40.0
1,1,2,2-Tetrachloroethane-d2	0.292	0.319	0.01	9.1	± 20.0
1,2-Dichlorobenzene-d4	0.805	0.805	0.06	0.0	± 20.0