

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: 09/17/2025 Time: 11:59
 Lab File ID: VV039122.D Init. Calib Date(s): 09/15/2025 09/15/2025
 EPA Sample No.: VSTD005359 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	0.578	0.01	5.6	± 50.0
1,1-Dichloroethene	0.411	0.433	0.02	5.4	± 50.0
Methylene chloride	0.462	0.630	0.01	36.4	± 50.0
1,1-Dichloroethane	0.766	0.920	0.1	20	± 50.0
cis-1,2-Dichloroethene	0.408	0.447	0.1	9.5	± 50.0
Chloroform	0.794	0.944	0.04	18.9	± 50.0
1,1,1-Trichloroethane	0.689	0.845	0.05	22.8	± 50.0
Benzene	1.574	1.991	0.3	26.5	± 50.0
1,2-Dichloroethane	0.407	0.516	0.01	26.7	± 50.0
Trichloroethene	0.424	0.508	0.1	19.8	± 50.0
Toluene	1.640	2.267	0.4	38.2	± 50.0
Tetrachloroethene	0.332	0.405	0.1	22.2	± 50.0
Chlorobenzene	1.059	1.256	0.4	18.6	± 50.0
o-Xylene	0.603	0.707	0.3	17.2	± 50.0
m,p-Xylene	0.657	0.778	0.2	18.4	± 50.0
1,1,2,2-Tetrachloroethane	0.312	0.379	0.01	21.5	± 50.0
1,4-Dichlorobenzene	1.688	1.886	0.7	11.7	± 50.0
1,2,4-trichlorobenzene	0.805	0.797	0.2	-1	± 50.0
Vinyl Chloride-d3	0.394	0.297	0.01	-24.7	± 50.0
Chloroethane-d5	0.342	0.308	0.01	-10	± 50.0
1,1-Dichloroethene-d2	0.188	0.153	0.01	-18.7	± 50.0
2-Butanone-d5	0.059	0.063	0.01	7.4	± 50.0
Chloroform-d	0.766	0.796	0.01	3.9	± 50.0
1,2-Dichloroethane-d4	0.323	0.349	0.01	8.2	± 50.0
Benzene-d6	1.368	1.383	0.03	1.1	± 50.0
1,2-Dichloropropane-d6	0.409	0.430	0.1	5.2	± 50.0
Toluene-d8	1.225	1.357	0.2	10.8	± 50.0

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ANALYTE	$\overline{\text{RRF}}$	RRF5.0	MIN RRF	%D	MAX %D
trans-1,3-Dichloropropene-d4	0.150	0.158	0.01	5.5	± 50.0
2-Hexanone-d5	0.048	0.056	0.01	14.8	± 50.0
1,1,2,2-Tetrachloroethane-d2	0.292	0.328	0.01	12.2	± 50.0
1,2-Dichlorobenzene-d4	0.805	0.733	0.06	-8.9	± 50.0