

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: 19:17
 Lab File ID: VV039090.D Init. Calib Date(s): 09/15/2025 09/15/2025
 EPA Sample No.: VSTD005355 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	0.535	0.01	-2.3	± 50.0
1,1-Dichloroethene	0.411	0.385	0.02	-6.2	± 50.0
Methylene chloride	0.462	0.461	0.01	-0.2	± 50.0
1,1-Dichloroethane	0.766	0.776	0.1	1.2	± 50.0
cis-1,2-Dichloroethene	0.408	0.419	0.1	2.7	± 50.0
Chloroform	0.794	0.789	0.04	-0.7	± 50.0
1,1,1-Trichloroethane	0.689	0.717	0.05	4.2	± 50.0
Benzene	1.574	1.671	0.3	6.2	± 50.0
1,2-Dichloroethane	0.407	0.423	0.01	3.8	± 50.0
Trichloroethene	0.424	0.439	0.1	3.5	± 50.0
Toluene	1.640	1.820	0.4	10.9	± 50.0
Tetrachloroethene	0.332	0.330	0.1	-0.6	± 50.0
Chlorobenzene	1.059	1.104	0.4	4.3	± 50.0
o-Xylene	0.603	0.655	0.3	8.7	± 50.0
m,p-Xylene	0.657	0.731	0.2	11.2	± 50.0
1,1,2,2-Tetrachloroethane	0.312	0.328	0.01	5.1	± 50.0
1,4-Dichlorobenzene	1.688	1.769	0.7	4.8	± 50.0
1,2,4-trichlorobenzene	0.805	0.777	0.2	-3.5	± 50.0
Vinyl Chloride-d3	0.394	0.342	0.01	-13.2	± 50.0
Chloroethane-d5	0.342	0.301	0.01	-11.9	± 50.0
1,1-Dichloroethene-d2	0.188	0.153	0.01	-18.4	± 50.0
2-Butanone-d5	0.059	0.057	0.01	-2.9	± 50.0
Chloroform-d	0.766	0.705	0.01	-8	± 50.0
1,2-Dichloroethane-d4	0.323	0.294	0.01	-8.9	± 50.0
Benzene-d6	1.368	1.294	0.03	-5.4	± 50.0
1,2-Dichloropropane-d6	0.409	0.376	0.1	-8.1	± 50.0
Toluene-d8	1.225	1.209	0.2	-1.3	± 50.0

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ANALYTE	<u>RRF</u>	RRF5.0	MIN RRF	%D	MAX %D
trans-1,3-Dichloropropene-d4	0.150	0.139	0.01	-7.3	± 50.0
2-Hexanone-d5	0.048	0.048	0.01	-0.7	± 50.0
1,1,2,2-Tetrachloroethane-d2	0.292	0.281	0.01	-3.6	± 50.0
1,2-Dichlorobenzene-d4	0.805	0.729	0.06	-9.4	± 50.0