

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.: Sharkey La MA No.: SDG No.: Q3688
 Analytical Method: SVOA Level:
 Instrument ID: BNA_G Date Analyzed: 11/25/2025 Time: 11:10
 Lab File ID: BG064856.D Init. Calib Date(s): 11/24/2025 11/24/2025
 EPA Sample No.: SSTD020454 Init. Calib Time(s): 14:04 17:27
 GC Column: ZB-GR ID: 0.25 (mm) Length: 30 (m)
 Heated Purge: (Y/N) Purge Volume: (mL)

ANALYTE	<u>RRF</u>	RRF020	MIN RRF	%D	MAX %D
N-Nitrosodiphenylamine	0.537	0.556	0.05	3.4	± 20.0
Bis(2-ethylhexyl)phthalate	0.587	0.592	0.20	0.9	± 40.0
1,4-Dioxane-d8	0.505	0.433	0.01	-14.1	± 25.0
Pyridine-d5	1.390	1.247	0.01	-10.3	± 40.0
Phenol-d5	1.612	1.582	0.01	-1.9	± 25.0
Bis-(2-Chloroethyl)ether-d8	1.031	1.070	0.05	3.8	± 25.0
2-Chlorophenol-d4	1.222	1.283	0.20	4.9	± 20.0
4-Methylphenol-d8	1.390	1.378	0.01	-0.8	± 20.0
Nitrobenzene-d5	0.151	0.151	0.05	0.4	± 20.0
2-Nitrophenol-d4	0.179	0.196	0.05	9.6	± 30.0
2,4-Dichlorophenol-d3	0.369	0.384	0.06	4.1	± 20.0
4-Chloroaniline-d4	0.472	0.468	0.01	-0.9	± 40.0
Dimethylphthalate-d6	1.573	1.648	0.30	4.8	± 20.0
Acenaphthylene-d8	1.685	1.723	0.40	2.3	± 20.0
4-Nitrophenol-d4	0.239	0.214	0.01	-10.1	± 40.0
Fluorene-d10	1.412	1.424	0.10	0.9	± 20.0
4,6-Dinitro-2-methylphenol-d2	0.128	0.117	0.01	-8.6	± 40.0
Anthracene-d10	1.011	1.036	0.30	2.5	± 20.0
Pyrene-d10	1.027	1.057	0.30	2.9	± 25.0
Benzo (a) pyrene-d12	1.055	1.082	0.01	2.6	± 20.0