

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: 11/26/2025 Time: 15:42
 Lab File ID: BG064890.D Init. Calib Date(s): 11/24/2025 11/24/2025
 EPA Sample No.: SSTD020457 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	0.538	0.05	0.1	± 20.0
Bis(2-ethylhexyl)phthalate	0.587	0.517	0.20	-11.9	± 40.0
1,4-Dioxane-d8	0.505	0.437	0.01	-13.4	± 25.0
Pyridine-d5	1.390	1.107	0.01	-20.4	± 40.0
Phenol-d5	1.612	1.463	0.01	-9.2	± 25.0
Bis-(2-Chloroethyl)ether-d8	1.031	0.853	0.05	-17.2	± 25.0
2-Chlorophenol-d4	1.222	1.262	0.20	3.2	± 20.0
4-Methylphenol-d8	1.390	1.330	0.01	-4.3	± 20.0
Nitrobenzene-d5	0.151	0.157	0.05	4.3	± 20.0
2-Nitrophenol-d4	0.179	0.204	0.05	13.9	± 30.0
2,4-Dichlorophenol-d3	0.369	0.408	0.06	10.4	± 20.0
4-Chloroaniline-d4	0.472	0.456	0.01	-3.4	± 40.0
Dimethylphthalate-d6	1.573	1.578	0.30	0.3	± 20.0
Acenaphthylene-d8	1.685	1.717	0.40	1.9	± 20.0
4-Nitrophenol-d4	0.239	0.214	0.01	-10.2	± 40.0
Fluorene-d10	1.412	1.458	0.10	3.2	± 20.0
4,6-Dinitro-2-methylphenol-d2	0.128	0.127	0.01	-0.5	± 40.0
Anthracene-d10	1.011	1.017	0.30	0.6	± 20.0
Pyrene-d10	1.027	1.040	0.30	1.3	± 25.0
Benzo (a) pyrene-d12	1.055	1.081	0.01	2.5	± 20.0