

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: 21:22
 Lab File ID: BG064869.D Init. Calib Date(s): 11/24/2025 11/24/2025
 EPA Sample No.: SSTD020455 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	0.529	0.05	-1.6	± 20.0
Bis(2-ethylhexyl)phthalate	0.587	0.528	0.20	-10.0	± 40.0
1,4-Dioxane-d8	0.505	0.333	0.01	-34.1	± 25.0
Pyridine-d5	1.390	1.100	0.01	-20.9	± 40.0
Phenol-d5	1.612	1.401	0.01	-13.1	± 25.0
Bis-(2-Chloroethyl)ether-d8	1.031	0.849	0.05	-17.7	± 25.0
2-Chlorophenol-d4	1.222	1.240	0.20	1.4	± 20.0
4-Methylphenol-d8	1.390	1.263	0.01	-9.1	± 20.0
Nitrobenzene-d5	0.151	0.163	0.05	8.3	± 20.0
2-Nitrophenol-d4	0.179	0.195	0.05	8.8	± 30.0
2,4-Dichlorophenol-d3	0.369	0.397	0.06	7.5	± 20.0
4-Chloroaniline-d4	0.472	0.461	0.01	-2.4	± 40.0
Dimethylphthalate-d6	1.573	1.626	0.30	3.3	± 20.0
Acenaphthylene-d8	1.685	1.714	0.40	1.7	± 20.0
4-Nitrophenol-d4	0.239	0.219	0.01	-8.3	± 40.0
Fluorene-d10	1.412	1.448	0.10	2.5	± 20.0
4,6-Dinitro-2-methylphenol-d2	0.128	0.121	0.01	-5.5	± 40.0
Anthracene-d10	1.011	1.029	0.30	1.8	± 20.0
Pyrene-d10	1.027	1.041	0.30	1.3	± 25.0
Benzo (a) pyrene-d12	1.055	1.089	0.01	3.2	± 20.0