

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101725\
 Data File : BG064544.D
 Acq On : 17 Oct 2025 20:34
 Operator : RC/JU
 Sample : Q3366-03 5X
 Misc : 8270/625.1 SPIKE
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-1-101625

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/20/2025
 Supervised By :Jagrut Upadhyay 10/20/2025

Quant Time: Oct 17 23:22:49 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 02 16:40:42 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							10/20/2025
1) 1,4-Dichlorobenzene-d4	7.818	152	17068	20.000	ng	# 0.00	Supervised By :Jagrut Upadhyay
21) Naphthalene-d8	10.603	136	68531	20.000	ng	# 0.00	
39) Acenaphthene-d10	14.446	164	50459	20.000	ng	0.00	
64) Phenanthrene-d10	17.189	188	111106	20.000	ng	0.00	
76) Chrysene-d12	21.414	240	122147	20.000	ng	0.00	
86) Perylene-d12	24.404	264	143180	20.000	ng	# 0.02	10/20/2025
System Monitoring Compounds							
5) 2-Fluorophenol	5.415	112	14960	16.221	ng	0.00	
7) Phenol-d6	6.995	99	18220	14.701	ng	0.00	
23) Nitrobenzene-d5	8.976	82	12927	10.143	ng	0.00	
42) 2,4,6-Tribromophenol	15.938	330	12787	13.980	ng	0.00	
45) 2-Fluorobiphenyl	13.065	172	36241	10.587	ng	0.00	
79) Terphenyl-d14	19.804	244	69180	10.718	ng	0.00	
Target Compounds							Qvalue
31) Naphthalene	10.656	128	16436	4.657	ng	#	95
37) 2-Methylnaphthalene	12.266	142	13126	4.845	ng	#	87
38) 1-Methylnaphthalene	12.489	142	11514m	4.263	ng		
55) Dibenzofuran	14.845	168	13789	2.988	ng	#	93
58) Fluorene	15.491	166	23182	6.043	ng		92
71) Phenanthrene	17.231	178	176063	30.302	ng		99
72) Anthracene	17.319	178	31402	5.387	ng		99
73) Carbazole	17.589	167	13769	2.733	ng	#	88
75) Fluoranthene	19.246	202	232300	33.466	ng		97
78) Pyrene	19.604	202	230163	29.036	ng		98
81) Benzo(a)anthracene	21.396	228	128261	16.445	ng		98
83) Chrysene	21.461	228	119847m	16.203	ng		
87) Indeno(1,2,3-cd)pyrene	27.771	276	67616	6.785	ng	#	89
88) Benzo(b)fluoranthene	23.464	252	148919	18.282	ng	#	97
89) Benzo(k)fluoranthene	23.523	252	61368m	7.480	ng		
90) Benzo(a)pyrene	24.263	252	114806	15.293	ng		95
91) Dibenzo(a,h)anthracene	27.795	278	19606m	2.460	ng		
92) Benzo(g,h,i)perylene	28.817	276	68574	8.854	ng	#	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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