

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102825\
 Data File : BG064606.D
 Acq On : 28 Oct 2025 17:54
 Operator : RC/JU
 Sample : Q3419-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PR132-S16-094119-20251021

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/29/2025
 Supervised By :mohammad ahmed 11/05/2025

Quant Time: Oct 28 18:29:41 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 16:40:26 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.217	152	35915	20.000	ng	0.00
21) Naphthalene-d8	11.037	136	132339	20.000	ng	-0.02
39) Acenaphthene-d10	14.839	164	98576	20.000	ng	0.00
64) Phenanthrene-d10	17.577	188	222776	20.000	ng	0.00
76) Chrysene-d12	21.848	240	285835	20.000	ng	-0.02
86) Perylene-d12	25.185	264	312112	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.743	112	181180	84.675	ng	0.00
7) Phenol-d6	7.347	99	224152	76.343	ng	0.00
23) Nitrobenzene-d5	9.380	82	129605	58.822	ng	0.00
42) 2,4,6-Tribromophenol	16.313	330	117414	82.526	ng	0.00
45) 2-Fluorobiphenyl	13.470	172	302185	46.465	ng	0.00
79) Terphenyl-d14	20.168	244	662203	43.721	ng	0.00
Target Compounds						Qvalue
52) Acenaphthene	14.903	154	16489	2.892	ng	93
55) Dibenzofuran	15.232	168	31228	3.388	ng	# 96
58) Fluorene	15.879	166	67155	9.330	ng	95
71) Phenanthrene	17.618	178	763136	62.641	ng	99
72) Anthracene	17.706	178	540820	43.640	ng	100
73) Carbazole	17.964	167	141763	12.972	ng	98
75) Fluoranthene	19.615	202	1119221	73.335	ng	99
78) Pyrene	19.974	202	724689	38.805	ng	99
81) Benzo(a)anthracene	21.830	228	288604	15.228	ng	100
83) Chrysene	21.895	228	306600	17.002	ng	98
84) Bis(2-ethylhexyl)phtha...	21.736	149	20966	2.486	ng	# 95
88) Benzo(b)fluoranthene	24.134	252	125529	6.559	ng	98
89) Benzo(k)fluoranthene	24.192	252	52630m	2.748	ng	
90) Benzo(a)pyrene	25.027	252	78762	4.477	ng	99

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

