

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102825\
 Data File : BG064608.D
 Acq On : 28 Oct 2025 19:16
 Operator : RC/JU
 Sample : Q3452-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JB-1

Quant Time: Nov 04 05:54:06 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 03 18:16:26 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.216	152	37126	20.000	ng	0.00
21) Naphthalene-d8	11.042	136	135951	20.000	ng	0.00
39) Acenaphthene-d10	14.837	164	101383	20.000	ng	0.00
64) Phenanthrene-d10	17.575	188	230227	20.000	ng	0.00
76) Chrysene-d12	21.853	240	273350	20.000	ng	0.00
86) Perylene-d12	25.190	264	302106	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.748	112	157381	71.153	ng	0.00
7) Phenol-d6	7.346	99	198726	65.475	ng	0.00
23) Nitrobenzene-d5	9.379	82	117049	51.712	ng	0.00
42) 2,4,6-Tribromophenol	16.312	330	100142	68.438	ng	0.00
45) 2-Fluorobiphenyl	13.468	172	222540	33.271	ng	0.00
79) Terphenyl-d14	20.166	244	450496	31.102	ng	0.00
Target Compounds						Qvalue
20) 3+4-Methylphenols	8.962	107	28751	9.174	ng	93
71) Phenanthrene	17.616	178	170620	13.552	ng	98
72) Anthracene	17.705	178	53926	4.211	ng	97
75) Fluoranthene	19.614	202	274726	17.418	ng	98
78) Pyrene	19.973	202	258489	14.474	ng	99
81) Benzo(a)anthracene	21.829	228	150545	8.306	ng	98
83) Chrysene	21.894	228	150204m	8.710	ng	
87) Indeno(1,2,3-cd)pyrene	29.015	276	78363	3.526	ng	# 91
88) Benzo(b)fluoranthene	24.127	252	161184	8.701	ng	# 95
89) Benzo(k)fluoranthene	24.191	252	51413	2.773	ng	# 91
90) Benzo(a)pyrene	25.031	252	119841	7.038	ng	95
92) Benzo(g,h,i)perylene	30.190	276	75433	4.373	ng	95

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

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