

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102825\
 Data File : BG064607.D
 Acq On : 28 Oct 2025 18:35
 Operator : RC/JU
 Sample : Q3427-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-8

Manual Integrations
 APPROVED

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

Quant Time: Nov 04 05:53:42 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.217	152	38238	20.000	ng	0.00
21) Naphthalene-d8	11.043	136	142465	20.000	ng	0.00
39) Acenaphthene-d10	14.839	164	104362	20.000	ng	0.00
64) Phenanthrene-d10	17.571	188	245633	20.000	ng	-0.01
76) Chrysene-d12	21.848	240	289389	20.000	ng	#-0.01
86) Perylene-d12	25.191	264	316216	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.744	112	138563	60.824	ng	0.00
7) Phenol-d6	7.348	99	173983	55.656	ng	0.00
23) Nitrobenzene-d5	9.375	82	98317	41.450	ng	-0.01
42) 2,4,6-Tribromophenol	16.314	330	87733	58.246	ng	0.00
45) 2-Fluorobiphenyl	13.464	172	231144	33.571	ng	-0.01
79) Terphenyl-d14	20.162	244	521571	34.013	ng	-0.01
Target Compounds						Qvalue
58) Fluorene	15.879	166	21753	2.855	ng	96
71) Phenanthrene	17.618	178	272393	20.278	ng	98
72) Anthracene	17.706	178	98901	7.238	ng	96
75) Fluoranthene	19.616	202	749773	44.556	ng	98
78) Pyrene	19.968	202	586677	31.029	ng	98
81) Benzo(a)anthracene	21.831	228	418428	21.807	ng	100
83) Chrysene	21.895	228	334092	18.299	ng	97
87) Indeno(1,2,3-cd)pyrene	29.022	276	212315	9.127	ng	# 92
88) Benzo(b)fluoranthene	24.128	252	465232	23.993	ng	98
89) Benzo(k)fluoranthene	24.193	252	169973m	8.760	ng	
90) Benzo(a)pyrene	25.033	252	333940	18.736	ng	98
91) Dibenzo(a,h)anthracene	29.069	278	63747m	3.373	ng	
92) Benzo(g,h,i)perylene	30.203	276	178422	9.883	ng	96

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

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