

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111025\
 Data File : BG064730.D
 Acq On : 10 Nov 2025 12:45
 Operator : RC/JU
 Sample : Q3564-01DL 4X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-11062025DL

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/11/2025
 Supervised By :Jagrut Upadhyay 11/11/2025

Quant Time: Nov 10 13:23:02 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	8.200	152	39437	20.000	ng	-0.02
21) Naphthalene-d8	11.026	136	161776	20.000	ng	-0.02
39) Acenaphthene-d10	14.827	164	133747	20.000	ng	-0.02
64) Phenanthrene-d10	17.560	188	313770	20.000	ng	-0.02
76) Chrysene-d12	21.837	240	368459	20.000	ng	#-0.02
86) Perylene-d12	25.162	264	420989	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.732	112	39875	16.971	ng	-0.02
7) Phenol-d6	7.336	99	56013	17.373	ng	-0.02
23) Nitrobenzene-d5	9.363	82	38397	14.256	ng	-0.02
42) 2,4,6-Tribromophenol	16.302	330	44737	23.175	ng	-0.02
45) 2-Fluorobiphenyl	13.453	172	109269	12.383	ng	-0.02
79) Terphenyl-d14	20.151	244	243704	12.482	ng	-0.02
Target Compounds						Qvalue
58) Fluorene	15.867	166	23171	2.373	ng	94
71) Phenanthrene	17.601	178	346658	20.203	ng	99
72) Anthracene	17.695	178	132656	7.600	ng	99
75) Fluoranthene	19.604	202	1342102	62.436	ng	98
78) Pyrene	19.963	202	1167295	48.489	ng	98
81) Benzo(a)anthracene	21.813	228	805910	32.987	ng	99
83) Chrysene	21.884	228	658366	28.321	ng	96
87) Indeno(1,2,3-cd)pyrene	28.976	276	399352	12.895	ng	# 91
88) Benzo(b)fluoranthene	24.111	252	883976	34.243	ng	# 98
89) Benzo(k)fluoranthene	24.169	252	322019m	12.466	ng	
90) Benzo(a)pyrene	25.010	252	684104m	28.829	ng	
91) Dibenzo(a,h)anthracene	29.034	278	111197	4.420	ng	94
92) Benzo(g,h,i)perylene	30.168	276	349924	14.559	ng	# 95

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

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