

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121025\
 Data File : BG064929.D
 Acq On : 10 Dec 2025 20:35
 Operator : RC/JU
 Sample : Q3812-01DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

OR-02-120825DL

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/11/2025

Supervised By :Sohil Jodhani 12/12/2025

Quant Time: Dec 10 23:37:35 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Nov 12 17:10:56 2025

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.158	152	26007	20.000	ng	0.00
21) Naphthalene-d8	10.973	136	102193	20.000	ng	#-0.01
39) Acenaphthene-d10	14.768	164	87995	20.000	ng	0.00
64) Phenanthrene-d10	17.500	188	197589	20.000	ng	# 0.00
76) Chrysene-d12	21.754	240	237301	20.000	ng	# 0.00
86) Perylene-d12	25.021	264	276334	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.697	112	18801	12.624	ng	0.00
7) Phenol-d6	7.301	99	23597	11.912	ng	0.00
23) Nitrobenzene-d5	9.316	82	16130	7.804	ng	-0.01
42) 2,4,6-Tribromophenol	16.243	330	26569	15.482	ng	0.00
45) 2-Fluorobiphenyl	13.399	172	57889	9.179	ng	0.00
79) Terphenyl-d14	20.086	244	122771	10.177	ng	0.00
Target Compounds						Qvalue
52) Acenaphthene	14.833	154	11847	2.323	ng	92
55) Dibenzofuran	15.162	168	19710	2.338	ng	# 97
58) Fluorene	15.808	166	26614	4.024	ng	100
71) Phenanthrene	17.541	178	371227	34.339	ng	99
72) Anthracene	17.636	178	105581	9.578	ng	99
73) Carbazole	17.894	167	27377	2.889	ng	97
75) Fluoranthene	19.539	202	617185	41.749	ng	98
78) Pyrene	19.898	202	527012	39.626	ng	99
81) Benzo(a)anthracene	21.731	228	331046	20.517	ng	97
83) Chrysene	21.795	228	274403	18.038	ng	97
87) Indeno(1,2,3-cd)pyrene	28.746	276	172835	9.104	ng	# 95
88) Benzo(b)fluoranthene	23.981	252	406029	23.089	ng	# 99
89) Benzo(k)fluoranthene	24.040	252	119860m	6.784	ng	
90) Benzo(a)pyrene	24.868	252	305573m	18.732	ng	
91) Dibenzo(a,h)anthracene	28.793	278	42352	2.723	ng	# 80
92) Benzo(g,h,i)perylene	29.915	276	167155	11.167	ng	# 97

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

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