

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103125\
 Data File : BG064666.D
 Acq On : 31 Oct 2025 21:41
 Operator : RC/JU
 Sample : Q3486-03DL 20X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP4DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
 Supervised By :mohammad ahmed 11/05/2025

Quant Time: Nov 04 03:52:16 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	8.223	152	43138	20.000	ng	0.00
21) Naphthalene-d8	11.044	136	174679	20.000	ng	# 0.00
39) Acenaphthene-d10	14.839	164	133482	20.000	ng	0.00
64) Phenanthrene-d10	17.577	188	273344	20.000	ng	0.00
76) Chrysene-d12	21.860	240	282763	20.000	ng	# 0.00
86) Perylene-d12	25.204	264	329922	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.756	112	10055	3.912	ng	0.00
7) Phenol-d6	7.354	99	15410	4.370	ng	0.00
23) Nitrobenzene-d5	9.381	82	10061	3.459	ng	0.00
42) 2,4,6-Tribromophenol	16.320	330	8112	4.211	ng	0.00
45) 2-Fluorobiphenyl	13.470	172	26958	3.061	ng	0.00
79) Terphenyl-d14	20.168	244	41991	2.802	ng	0.00
Target Compounds						Qvalue
37) 2-Methylnaphthalene	12.689	142	17713m	2.491	ng	
38) 1-Methylnaphthalene	12.906	142	16449	2.337	ng	96
49) Acenaphthylene	14.569	152	69745m	6.173	ng	
58) Fluorene	15.879	166	73594	7.551	ng	96
71) Phenanthrene	17.624	178	667275	44.639	ng	99
72) Anthracene	17.712	178	141616	9.313	ng	100
75) Fluoranthene	19.622	202	662231	35.364	ng	96
78) Pyrene	19.980	202	1257347	68.059	ng	98
81) Benzo(a)anthracene	21.837	228	610138	32.543	ng	# 90
83) Chrysene	21.907	228	603350	33.821	ng	# 92
87) Indeno(1,2,3-cd)pyrene	29.040	276	210304	8.665	ng	# 89
88) Benzo(b)fluoranthene	24.146	252	426588	21.086	ng	97
89) Benzo(k)fluoranthene	24.205	252	131105m	6.476	ng	
90) Benzo(a)pyrene	25.051	252	556161	29.907	ng	97
91) Dibenzo(a,h)anthracene	29.076	278	78609	3.987	ng	# 82
92) Benzo(g,h,i)perylene	30.239	276	320922	17.038	ng	96

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

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