

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102825\
 Data File : BG064615.D
 Acq On : 29 Oct 2025 00:01
 Operator : RC/JU
 Sample : Q3457-01 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-102425

Quant Time: Nov 04 05:55:35 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	8.215	152	48084	20.000	ng	0.00
21) Naphthalene-d8	11.041	136	182913	20.000	ng	0.00
39) Acenaphthene-d10	14.836	164	131043	20.000	ng	0.00
64) Phenanthrene-d10	17.574	188	267186	20.000	ng	0.00
76) Chrysene-d12	21.852	240	310405	20.000	ng	0.00
86) Perylene-d12	25.195	264	337294	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.747	112	64735	22.597	ng	0.00
7) Phenol-d6	7.345	99	83215	21.169	ng	0.00
23) Nitrobenzene-d5	9.378	82	48656	15.977	ng	0.00
42) 2,4,6-Tribromophenol	16.311	330	35083	18.549	ng	0.00
45) 2-Fluorobiphenyl	13.467	172	130831	15.133	ng	0.00
79) Terphenyl-d14	20.165	244	207066	12.589	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.615	178	165334	11.315	ng	99
72) Anthracene	17.709	178	32494	2.186	ng	98
75) Fluoranthene	19.613	202	296746	16.212	ng	99
78) Pyrene	19.971	202	295415	14.567	ng	99
81) Benzo(a)anthracene	21.828	228	163865	7.962	ng	96
83) Chrysene	21.899	228	161173	8.230	ng	96
87) Indeno(1,2,3-cd)pyrene	29.014	276	102602	4.135	ng	94
88) Benzo(b)fluoranthene	24.137	252	218210	10.550	ng	98
89) Benzo(k)fluoranthene	24.190	252	59405m	2.870	ng	
90) Benzo(a)pyrene	25.030	252	149690	7.873	ng	98
92) Benzo(g,h,i)perylene	30.201	276	101839	5.288	ng	96

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

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