

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102825\
 Data File : BG064612.D
 Acq On : 28 Oct 2025 21:59
 Operator : RC/JU
 Sample : Q3460-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-1

Quant Time: Nov 04 05:54:52 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 :Jagrut Upadhyay 11/04/2025
 Supervised By :mohammad ahmed 11/05/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.220	152	48455	20.000	ng	0.00
21) Naphthalene-d8	11.040	136	191990	20.000	ng	0.00
39) Acenaphthene-d10	14.835	164	148446	20.000	ng	0.00
64) Phenanthrene-d10	17.573	188	328340	20.000	ng	0.00
76) Chrysene-d12	21.845	240	293148	20.000	ng	-0.02
86) Perylene-d12	25.188	264	330220	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.746	112	240508	83.313	ng	0.00
7) Phenol-d6	7.350	99	319066	80.546	ng	0.00
23) Nitrobenzene-d5	9.377	82	198849	62.208	ng	0.00
42) 2,4,6-Tribromophenol	16.316	330	176293	82.283	ng	0.00
45) 2-Fluorobiphenyl	13.466	172	529753	54.092	ng	0.00
79) Terphenyl-d14	20.164	244	794839	51.168	ng	0.00
Target Compounds						
75) Fluoranthene	19.612	202	104469	4.644	ng	Qvalue 95
78) Pyrene	19.971	202	99889	5.215	ng	99
81) Benzo(a)anthracene	21.827	228	63403	3.262	ng	95
83) Chrysene	21.898	228	61367	3.318	ng	98
87) Indeno(1,2,3-cd)pyrene	29.001	276	90005	3.705	ng	95
88) Benzo(b)fluoranthene	24.130	252	113474	5.604	ng	# 94
90) Benzo(a)pyrene	25.023	252	85749	4.607	ng	# 97
92) Benzo(g,h,i)perylene	30.194	276	103243	5.476	ng	97

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

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