

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121225\
 Data File : BN038364.D
 Acq On : 13 Dec 2025 00:00
 Operator : RC/JU
 Sample : Q3839-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AM6

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 12/15/2025
 Supervised By :Jagrut Upadhyay 12/15/2025

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 Upadhyay
 12/15/2025

Quant Time: Dec 13 02:11:45 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN121025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 10 13:56:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	5646	0.400	ng	0.00
7) Naphthalene-d8	10.519	136	15014	0.400	ng	#-0.01
13) Acenaphthene-d10	14.388	164	7287	0.400	ng	-0.01
19) Phenanthrene-d10	17.148	188	12968	0.400	ng	0.00
29) Chrysene-d12	21.340	240	10273	0.400	ng	# 0.00
35) Perylene-d12	23.622	264	10823	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.290	112	4115	0.293	ng	0.00
5) Phenol-d6	6.887	99	4764	0.285	ng	0.00
8) Nitrobenzene-d5	8.875	82	3695	0.292	ng	0.00
11) 2-Methylnaphthalene-d10	12.121	152	5159	0.244	ng	0.00
14) 2,4,6-Tribromophenol	15.882	330	785	0.243	ng	-0.01
15) 2-Fluorobiphenyl	13.008	172	9947	0.283	ng	0.00
27) Fluoranthene-d10	19.183	212	6567	0.205	ng	0.00
31) Terphenyl-d14	19.782	244	4177	0.182	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.573	128	1172	0.026	ng	# 81
12) 2-Methylnaphthalene	12.197	142	700	0.025	ng	# 87
25) Phenanthrene	17.186	178	2539	0.056	ng	97
26) Anthracene	17.273	178	837	0.022	ng	98
28) Fluoranthene	19.211	202	9710	0.202	ng	98
30) Pyrene	19.573	202	9279	0.183	ng	# 96
32) Benzo(a)anthracene	21.322	228	7219	0.182	ng	98
33) Chrysene	21.375	228	7214m	0.165	ng	
34) Bis(2-ethylhexyl)phtha...	21.259	149	3032	0.139	ng	98
36) Indeno(1,2,3-cd)pyrene	25.946	276	4186	0.073	ng	94
37) Benzo(b)fluoranthene	22.934	252	9964	0.200	ng	# 76
38) Benzo(k)fluoranthene	22.978	252	4210m	0.085	ng	
39) Benzo(a)pyrene	23.522	252	6391	0.157	ng	# 79
40) Dibenzo(a,h)anthracene	25.955	278	1255	0.028	ng	# 25
41) Benzo(g,h,i)perylene	26.653	276	4063	0.082	ng	# 88

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

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