Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121225\
Data File : BN038387.D
Acq On : 13 Dec 2025 15:16
Operator : RC/JU
Sample : Q3839-09
Misc :
ALS Vial : 45 Sample Multiplier: 1

Quant Time: Dec 14 22:24:13 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

Instrument :
BNA_N
ClientSampleId :

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	6296	0.400	ng	0.00
7) Naphthalene-d8	10.520	136	18000	0.400	ng	#-0.01
13) Acenaphthene-d10	14.388	164	11495	0.400	ng	-0.01
19) Phenanthrene-d10	17.136	188	18313	0.400	ng	#-0.01
29) Chrysene-d12	21.340	240	14324	0.400	ng	# 0.00
35) Perylene-d12	23.628	264	15719	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.283	112	4308	0.275	ng	0.00
5) Phenol-d6	6.879	99	4573	0.245	ng	0.00
8) Nitrobenzene-d5	8.865	82	3676	0.242	ng	-0.01
11) 2-Methylnaphthalene-d10	12.116	152	4793	0.189	ng	-0.01
14) 2,4,6-Tribromophenol	15.883	330	1668	0.327	ng	-0.01
15) 2-Fluorobiphenyl	13.003	172	11356	0.205	ng	0.00
27) Fluoranthene-d10	19.183	212	3514	0.078	ng	0.00
31) Terphenyl-d14	19.782	244	4712	0.147	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.562	128	23515	0.442	ng	100
12) 2-Methylnaphthalene	12.192	142	26138	0.774	ng	99
16) Acenaphthylene	14.110	152	3967	0.070	ng	# 78
17) Acenaphthene	14.452	154	19195	0.488	ng	97
18) Fluorene	15.435	166	10454	0.207	ng	# 93
24) Pentachlorophenol	16.789	266	357	0.056	ng	# 85
25) Phenanthrene	17.186	178	52598	0.825	ng	# 94
26) Anthracene	17.273	178	11427m	0.208	ng	
28) Fluoranthene	19.211	202	58382	0.862	ng	96
30) Pyrene	19.573	202	48829	0.692	ng	# 91
32) Benzo(a)anthracene	21.322	228	22405	0.405	ng	# 84
33) Chrysene	21.366	228	23988	0.394	ng	# 83
34) Bis(2-ethylhexyl)phtha...	21.259	149	6796	0.224	ng	# 58
36) Indeno(1,2,3-cd)pyrene	25.943	276	19877	0.238	ng	# 91
37) Benzo(b)fluoranthene	22.938	252	33034	0.458	ng	# 1
38) Benzo(k)fluoranthene	22.978	252	11106m	0.154	ng	
39) Benzo(a)pyrene	23.525	252	22135	0.375	ng	# 1
40) Dibenzo(a,h)anthracene	25.952	278	6333	0.098	ng	# 1
41) Benzo(g,h,i)perylene	26.659	276	22390	0.311	ng	# 63

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

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