Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121225\
Data File : BN038371.D
Acq On : 13 Dec 2025 04:16
Operator : RC/JU
Sample : Q3839-11
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AN7

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

Quant Time: Dec 13 06:07:16 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	5826	0.400	ng		0.00
7) Naphthalene-d8	10.519	136	15671	0.400	ng		#-0.01
13) Acenaphthene-d10	14.388	164	8403	0.400	ng		-0.01
19) Phenanthrene-d10	17.136	188	15978	0.400	ng		#-0.01
29) Chrysene-d12	21.331	240	13134	0.400	ng		# 0.00
35) Perylene-d12	23.622	264	14100	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.290	112	3920	0.270	ng		0.00
5) Phenol-d6	6.887	99	4270	0.248	ng		0.00
8) Nitrobenzene-d5	8.875	82	3024	0.229	ng		0.00
11) 2-Methylnaphthalene-d10	12.121	152	3702	0.167	ng		0.00
14) 2,4,6-Tribromophenol	15.882	330	839	0.225	ng		-0.01
15) 2-Fluorobiphenyl	13.008	172	7960	0.197	ng		0.00
27) Fluoranthene-d10	19.178	212	4355	0.110	ng		0.00
31) Terphenyl-d14	19.782	244	4178	0.143	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.573	128	30960	0.668	ng		99
12) 2-Methylnaphthalene	12.192	142	26294	0.894	ng		100
16) Acenaphthylene	14.110	152	5064	0.123	ng	#	85
17) Acenaphthene	14.452	154	6942	0.241	ng		95
18) Fluorene	15.446	166	7464	0.202	ng	#	95
24) Pentachlorophenol	16.801	266	142	0.026	ng	#	18
25) Phenanthrene	17.186	178	160406	2.884	ng		98
26) Anthracene	17.273	178	29769m	0.621	ng		
28) Fluoranthene	19.211	202	148059	2.505	ng		99
30) Pyrene	19.573	202	117521	1.818	ng		97
32) Benzo(a)anthracene	21.322	228	45371	0.894	ng		98
33) Chrysene	21.366	228	46804	0.838	ng		97
34) Bis(2-ethylhexyl)phtha...	21.259	149	3858	0.139	ng	#	94
36) Indeno(1,2,3-cd)pyrene	25.943	276	25270	0.338	ng		95
37) Benzo(b)fluoranthene	22.932	252	56231	0.868	ng		99
38) Benzo(k)fluoranthene	22.973	252	21152m	0.328	ng		
39) Benzo(a)pyrene	23.519	252	38605	0.728	ng		93
40) Dibenzo(a,h)anthracene	25.946	278	6056	0.105	ng	#	72
41) Benzo(g,h,i)perylene	26.648	276	28397	0.440	ng		99

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

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