Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121525\
Data File : BN038422.D
Acq On : 16 Dec 2025 02:54
Operator : RC/JU
Sample : Q3839-20MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AM7MSD

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 12/16/2025
Supervised By :Jagrut Upadhyay 12/16/2025

Quant Time: Dec 16 03:54:55 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	7.710	152	4788	0.400	ng	-0.01
7) Naphthalene-d8	10.509	136	13071	0.400	ng	#-0.02
13) Acenaphthene-d10	14.377	164	6841	0.400	ng	-0.02
19) Phenanthrene-d10	17.136	188	13056	0.400	ng	#-0.01
29) Chrysene-d12	21.331	240	10542	0.400	ng	0.00
35) Perylene-d12	23.616	264	10814	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.283	112	1507	0.126	ng	0.00
5) Phenol-d6	6.879	99	1117	0.079	ng	0.00
8) Nitrobenzene-d5	8.865	82	3104	0.282	ng	-0.01
11) 2-Methylnaphthalene-d10	12.116	152	5142m	0.279	ng	-0.01
14) 2,4,6-Tribromophenol	15.882	330	1028	0.339	ng	-0.01
15) 2-Fluorobiphenyl	13.003	172	11911	0.361	ng	0.00
27) Fluoranthene-d10	19.174	212	10363	0.321	ng	-0.01
31) Terphenyl-d14	19.777	244	8831	0.375	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.189	88	1234	0.225	ng	# 52
3) n-Nitrosodimethylamine	3.499	42	811	0.118	ng	# 94
6) bis(2-Chloroethyl)ether	7.132	93	3972	0.286	ng	99
9) Naphthalene	10.562	128	10871	0.281	ng	99
10) Hexachlorobutadiene	10.861	225	1752	0.255	ng	# 100
12) 2-Methylnaphthalene	12.187	142	6448	0.263	ng	99
16) Acenaphthylene	14.099	152	10763	0.320	ng	99
17) Acenaphthene	14.441	154	6720	0.287	ng	99
18) Fluorene	15.435	166	9191	0.305	ng	99
20) 4,6-Dinitro-2-methylph...	15.510	198	590	0.275	ng	# 48
21) 4-Bromophenyl-phenylether	16.329	248	2938	0.303	ng	# 90
22) Hexachlorobenzene	16.453	284	3479	0.299	ng	100
23) Atrazine	16.602	200	2350	0.356	ng	95
24) Pentachlorophenol	16.789	266	2841	0.625	ng	99
25) Phenanthrene	17.173	178	14715	0.324	ng	99
26) Anthracene	17.273	178	13368	0.341	ng	99
28) Fluoranthene	19.206	202	16323	0.338	ng	99
30) Pyrene	19.568	202	16974	0.327	ng	100
32) Benzo(a)anthracene	21.313	228	14538	0.357	ng	99
33) Chrysene	21.366	228	15135	0.338	ng	99
34) Bis(2-ethylhexyl)phtha...	21.250	149	8404	0.376	ng	99
36) Indeno(1,2,3-cd)pyrene	25.934	276	17753	0.309	ng	99
37) Benzo(b)fluoranthene	22.923	252	15129	0.305	ng	98
38) Benzo(k)fluoranthene	22.970	252	15319	0.309	ng	98
39) Benzo(a)pyrene	23.513	252	13802	0.340	ng	96
40) Dibenzo(a,h)anthracene	25.946	278	13764	0.311	ng	99
41) Benzo(g,h,i)perylene	26.639	276	15103	0.305	ng	100

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

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