Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121525\
Data File : BN038421.D
Acq On : 16 Dec 2025 02:17
Operator : RC/JU
Sample : Q3839-19MS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AM7MS

Manual Integrations APPROVED

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

Quant Time: Dec 16 03:54:28 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	5544	0.400	ng	-0.01
7) Naphthalene-d8	10.509	136	14699	0.400	ng	#-0.02
13) Acenaphthene-d10	14.377	164	7566	0.400	ng	-0.02
19) Phenanthrene-d10	17.136	188	14177	0.400	ng	#-0.01
29) Chrysene-d12	21.331	240	12702	0.400	ng	0.00
35) Perylene-d12	23.613	264	13203	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.283	112	1637	0.119	ng	0.00
5) Phenol-d6	6.879	99	1194	0.073	ng	0.00
8) Nitrobenzene-d5	8.865	82	3310	0.267	ng	-0.01
11) 2-Methylnaphthalene-d10	12.116	152	5486m	0.265	ng	-0.01
14) 2,4,6-Tribromophenol	15.882	330	1070	0.319	ng	-0.01
15) 2-Fluorobiphenyl	13.003	172	13075	0.359	ng	0.00
27) Fluoranthene-d10	19.174	212	11499	0.328	ng	-0.01
31) Terphenyl-d14	19.777	244	9765	0.344	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.189	88	1311	0.206	ng	# 49
3) n-Nitrosodimethylamine	3.499	42	1047	0.131	ng	# 89
6) bis(2-Chloroethyl)ether	7.132	93	4321	0.269	ng	99
9) Naphthalene	10.562	128	11828	0.272	ng	99
10) Hexachlorobutadiene	10.861	225	1956	0.253	ng	# 100
12) 2-Methylnaphthalene	12.187	142	6943	0.252	ng	99
16) Acenaphthylene	14.099	152	11447	0.308	ng	99
17) Acenaphthene	14.441	154	7066	0.273	ng	99
18) Fluorene	15.435	166	9836	0.295	ng	98
20) 4,6-Dinitro-2-methylph...	15.510	198	640	0.274	ng	# 70
21) 4-Bromophenyl-phenylether	16.329	248	3051	0.290	ng	# 89
22) Hexachlorobenzene	16.453	284	3601	0.285	ng	99
23) Atrazine	16.602	200	2456	0.342	ng	# 95
24) Pentachlorophenol	16.789	266	3143	0.637	ng	98
25) Phenanthrene	17.173	178	15741	0.319	ng	100
26) Anthracene	17.273	178	14229	0.334	ng	99
28) Fluoranthene	19.206	202	18146	0.346	ng	99
30) Pyrene	19.568	202	18835	0.301	ng	100
32) Benzo(a)anthracene	21.313	228	16850	0.343	ng	99
33) Chrysene	21.366	228	17752	0.329	ng	99
34) Bis(2-ethylhexyl)phtha...	21.259	149	9992	0.371	ng	100
36) Indeno(1,2,3-cd)pyrene	25.931	276	21177	0.302	ng	100
37) Benzo(b)fluoranthene	22.926	252	17987	0.297	ng	99
38) Benzo(k)fluoranthene	22.970	252	18660	0.309	ng	99
39) Benzo(a)pyrene	23.513	252	16127	0.325	ng	95
40) Dibenzo(a,h)anthracene	25.949	278	16239	0.301	ng	100
41) Benzo(g,h,i)perylene	26.639	276	17902	0.296	ng	100

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

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