Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121625\
Data File : BN038460.D
Acq On : 17 Dec 2025 02:36
Operator : RC/JU
Sample : Q3863-02MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-17B-55-121225-MS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 12/17/2025
Supervised By :Jagrut Upadhyay 12/17/2025

Quant Time: Dec 17 06:42:34 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	5051	0.400	ng	-0.01
7) Naphthalene-d8	10.508	136	12973	0.400	ng	#-0.02
13) Acenaphthene-d10	14.376	164	6456	0.400	ng	-0.02
19) Phenanthrene-d10	17.136	188	11580	0.400	ng	-0.01
29) Chrysene-d12	21.330	240	9708	0.400	ng	# 0.00
35) Perylene-d12	23.609	264	9667	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.283	112	1881	0.150	ng	0.00
5) Phenol-d6	6.879	99	1357	0.091	ng	0.00
8) Nitrobenzene-d5	8.864	82	3886	0.355	ng	-0.01
11) 2-Methylnaphthalene-d10	12.110	152	5693m	0.311	ng	-0.02
14) 2,4,6-Tribromophenol	15.882	330	946	0.330	ng	-0.01
15) 2-Fluorobiphenyl	12.998	172	14719	0.473	ng	-0.01
27) Fluoranthene-d10	19.173	212	11539	0.403	ng	-0.01
31) Terphenyl-d14	19.772	244	9349	0.432	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.181	88	14883	2.570	ng	# 72
3) n-Nitrosodimethylamine	3.499	42	1115	0.154	ng	# 93
6) bis(2-Chloroethyl)ether	7.132	93	4638	0.317	ng	96
9) Naphthalene	10.562	128	13544	0.353	ng	100
10) Hexachlorobutadiene	10.850	225	2155	0.316	ng	# 100
12) 2-Methylnaphthalene	12.186	142	7292	0.300	ng	100
16) Acenaphthylene	14.098	152	11432	0.361	ng	99
17) Acenaphthene	14.441	154	7366	0.333	ng	99
18) Fluorene	15.435	166	9746	0.343	ng	97
20) 4,6-Dinitro-2-methylph...	15.510	198	483	0.254	ng	# 61
21) 4-Bromophenyl-phenylether	16.329	248	2802	0.326	ng	97
22) Hexachlorobenzene	16.441	284	3494	0.338	ng	100
23) Atrazine	16.602	200	2155	0.368	ng	98
24) Pentachlorophenol	16.788	266	2669	0.662	ng	99
25) Phenanthrene	17.173	178	20591	0.511	ng	100
26) Anthracene	17.260	178	13291	0.382	ng	99
28) Fluoranthene	19.201	202	19369	0.452	ng	99
30) Pyrene	19.563	202	18727	0.392	ng	100
32) Benzo(a)anthracene	21.312	228	14460	0.386	ng	99
33) Chrysene	21.366	228	15410	0.373	ng	99
34) Bis(2-ethylhexyl)phtha...	21.250	149	7048	0.343	ng	99
36) Indeno(1,2,3-cd)pyrene	25.928	276	17930	0.350	ng	98
37) Benzo(b)fluoranthene	22.922	252	15471	0.348	ng	99
38) Benzo(k)fluoranthene	22.966	252	15757	0.356	ng	100
39) Benzo(a)pyrene	23.510	252	13877	0.382	ng	98
40) Dibenzo(a,h)anthracene	25.943	278	13748	0.348	ng	99
41) Benzo(g,h,i)perylene	26.633	276	15576	0.352	ng	99

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

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