Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121525\
Data File : BN038431.D
Acq On : 16 Dec 2025 08:20
Operator : RC/JU
Sample : PB170917BS
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB170917BS

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

Quant Time: Dec 16 09:44:02 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	5327	0.400	ng	-0.01
7) Naphthalene-d8	10.509	136	14053	0.400	ng	#-0.02
13) Acenaphthene-d10	14.377	164	7121	0.400	ng	-0.02
19) Phenanthrene-d10	17.136	188	11308	0.400	ng	#-0.01
29) Chrysene-d12	21.331	240	9311	0.400	ng	0.00
35) Perylene-d12	23.616	264	9963	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.283	112	4718	0.356	ng	0.00
5) Phenol-d6	6.879	99	5330	0.338	ng	0.00
8) Nitrobenzene-d5	8.865	82	4472	0.377	ng	-0.01
11) 2-Methylnaphthalene-d10	12.111	152	7319m	0.369	ng	-0.02
14) 2,4,6-Tribromophenol	15.882	330	865	0.274	ng	-0.01
15) 2-Fluorobiphenyl	12.998	172	15925	0.464	ng	-0.01
27) Fluoranthene-d10	19.173	212	9542	0.341	ng	-0.01
31) Terphenyl-d14	19.777	244	7636	0.367	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.189	88	1710	0.280	ng	# 42
3) n-Nitrosodimethylamine	3.499	42	2687	0.351	ng	# 95
6) bis(2-Chloroethyl)ether	7.132	93	5272	0.342	ng	98
9) Naphthalene	10.562	128	13936	0.335	ng	100
10) Hexachlorobutadiene	10.861	225	2589	0.351	ng	# 98
12) 2-Methylnaphthalene	12.187	142	7891	0.299	ng	100
16) Acenaphthylene	14.099	152	12205	0.349	ng	99
17) Acenaphthene	14.441	154	7303	0.300	ng	97
18) Fluorene	15.435	166	9500	0.303	ng	99
20) 4,6-Dinitro-2-methylph...	15.522	198	459	0.247	ng	82
21) 4-Bromophenyl-phenylether	16.329	248	2783	0.332	ng	# 92
22) Hexachlorobenzene	16.441	284	3445	0.342	ng	99
23) Atrazine	16.602	200	1939	0.339	ng	97
24) Pentachlorophenol	16.788	266	1604	0.408	ng	97
25) Phenanthrene	17.173	178	13226	0.336	ng	98
26) Anthracene	17.273	178	11567	0.341	ng	99
28) Fluoranthene	19.206	202	13407	0.320	ng	100
30) Pyrene	19.568	202	14521	0.317	ng	99
32) Benzo(a)anthracene	21.313	228	12558	0.349	ng	100
33) Chrysene	21.366	228	14131	0.357	ng	100
34) Bis(2-ethylhexyl)phtha...	21.259	149	5803	0.294	ng	99
36) Indeno(1,2,3-cd)pyrene	25.931	276	18917	0.358	ng	100
37) Benzo(b)fluoranthene	22.929	252	15138	0.331	ng	99
38) Benzo(k)fluoranthene	22.972	252	16126	0.353	ng	99
39) Benzo(a)pyrene	23.516	252	13863	0.370	ng	98
40) Dibenzo(a,h)anthracene	25.952	278	14392	0.353	ng	99
41) Benzo(g,h,i)perylene	26.636	276	15941	0.350	ng	99

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

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