Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120125\
Data File : BN038232.D
Acq On : 01 Dec 2025 19:04
Operator : RC/JU
Sample : PB170712BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 02 01:08:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 28 21:04:10 2025
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
PB170712BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.768	152	7901	0.400	ng	0.00
7) Naphthalene-d8	10.562	136	22379	0.400	ng	#-0.01
13) Acenaphthene-d10	14.430	164	10358	0.400	ng	0.00
19) Phenanthrene-d10	17.186	188	14739	0.400	ng	0.00
29) Chrysene-d12	21.366	240	10142	0.400	ng	0.00
35) Perylene-d12	23.674	264	10375	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.341	112	7243	0.392	ng	0.00
5) Phenol-d6	6.930	99	8256	0.358	ng	0.00
8) Nitrobenzene-d5	8.918	82	7089	0.396	ng	0.00
11) 2-Methylnaphthalene-d10	12.167	152	12867m	0.405	ng	0.00
14) 2,4,6-Tribromophenol	15.932	330	1053	0.323	ng	0.00
15) 2-Fluorobiphenyl	13.051	172	18137	0.453	ng	0.00
27) Fluoranthene-d10	19.215	212	11485	0.359	ng	0.00
31) Terphenyl-d14	19.815	244	8499	0.363	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.254	88	2735	0.329	ng	# 70
3) n-Nitrosodimethylamine	3.557	42	4025	0.392	ng	# 97
6) bis(2-Chloroethyl)ether	7.183	93	8565	0.388	ng	96
9) Naphthalene	10.616	128	23360	0.376	ng	100
10) Hexachlorobutadiene	10.914	225	4273	0.404	ng	# 99
12) 2-Methylnaphthalene	12.238	142	13296	0.325	ng	99
16) Acenaphthylene	14.142	152	19159	0.414	ng	99
17) Acenaphthene	14.484	154	12125	0.376	ng	99
18) Fluorene	15.478	166	14602	0.349	ng	98
20) 4,6-Dinitro-2-methylph...	15.572	198	547	0.510	ng	# 57
21) 4-Bromophenyl-phenylether	16.379	248	3913	0.383	ng	99
22) Hexachlorobenzene	16.491	284	5133	0.409	ng	100
23) Atrazine	16.652	200	2423	0.372	ng	99
24) Pentachlorophenol	16.838	266	1999	0.581	ng	98
25) Phenanthrene	17.223	178	17412	0.376	ng	99
26) Anthracene	17.310	178	15544	0.394	ng	99
28) Fluoranthene	19.243	202	16190	0.363	ng	99
30) Pyrene	19.606	202	16181	0.319	ng	100
32) Benzo(a)anthracene	21.357	228	13901	0.405	ng	98
33) Chrysene	21.402	228	15647	0.386	ng	98
34) Bis(2-ethylhexyl)phtha...	21.286	149	6216	0.331	ng	100
36) Indeno(1,2,3-cd)pyrene	26.028	276	20586	0.429	ng	96
37) Benzo(b)fluoranthene	22.978	252	16065	0.377	ng	99
38) Benzo(k)fluoranthene	23.025	252	17114	0.387	ng	98
39) Benzo(a)pyrene	23.575	252	14650	0.410	ng	97
40) Dibenzo(a,h)anthracene	26.048	278	15805	0.435	ng	98
41) Benzo(g,h,i)perylene	26.741	276	18052	0.416	ng	98

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

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