Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120625\
Data File : BN038290.D
Acq On : 06 Dec 2025 01:32
Operator : RC/JU
Sample : PB170838BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 06 03:22:41 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 :
PB170838BSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/08/2025
Supervised By :mohammad ahmed 12/09/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.761	152	6710	0.400	ng	0.00
7) Naphthalene-d8	10.562	136	17808	0.400	ng	-0.01
13) Acenaphthene-d10	14.420	164	7711	0.400	ng	-0.01
19) Phenanthrene-d10	17.173	188	11030	0.400	ng	#-0.01
29) Chrysene-d12	21.367	240	9170	0.400	ng	0.00
35) Perylene-d12	23.674	264	9318	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.334	112	5574	0.355	ng	0.00
5) Phenol-d6	6.930	99	6244	0.319	ng	0.00
8) Nitrobenzene-d5	8.907	82	5209	0.366	ng	-0.01
11) 2-Methylnaphthalene-d10	12.162	152	8483m	0.336	ng	0.00
14) 2,4,6-Tribromophenol	15.932	330	753	0.310	ng	0.00
15) 2-Fluorobiphenyl	13.041	172	12021	0.404	ng	-0.01
27) Fluoranthene-d10	19.211	212	9232	0.386	ng	0.00
31) Terphenyl-d14	19.815	244	7154	0.338	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.254	88	2191	0.310	ng	# 46
3) n-Nitrosodimethylamine	3.557	42	2989	0.343	ng	96
6) bis(2-Chloroethyl)ether	7.183	93	6324	0.337	ng	97
9) Naphthalene	10.605	128	17110	0.346	ng	99
10) Hexachlorobutadiene	10.904	225	3172	0.377	ng	# 98
12) 2-Methylnaphthalene	12.233	142	9566	0.294	ng	99
16) Acenaphthylene	14.142	152	13059	0.379	ng	99
17) Acenaphthene	14.484	154	7931	0.330	ng	98
18) Fluorene	15.478	166	9500	0.305	ng	98
20) 4,6-Dinitro-2-methylph...	15.572	198	206	0.347	ng	# 64
21) 4-Bromophenyl-phenylether	16.379	248	2578	0.337	ng	99
22) Hexachlorobenzene	16.491	284	3363	0.358	ng	97
23) Atrazine	16.640	200	1714	0.351	ng	# 91
24) Pentachlorophenol	16.838	266	1688	0.655	ng	99
25) Phenanthrene	17.223	178	11833	0.342	ng	99
26) Anthracene	17.310	178	10550	0.357	ng	100
28) Fluoranthene	19.243	202	12671	0.380	ng	99
30) Pyrene	19.606	202	13070	0.285	ng	100
32) Benzo(a)anthracene	21.349	228	11259	0.363	ng	99
33) Chrysene	21.402	228	13503	0.368	ng	99
34) Bis(2-ethylhexyl)phtha...	21.286	149	5015	0.295	ng	98
36) Indeno(1,2,3-cd)pyrene	26.028	276	16471	0.382	ng	99
37) Benzo(b)fluoranthene	22.976	252	13219	0.346	ng	97
38) Benzo(k)fluoranthene	23.022	252	14429	0.363	ng	97
39) Benzo(a)pyrene	23.569	252	11901	0.371	ng	98
40) Dibenzo(a,h)anthracene	26.045	278	12263	0.376	ng	99
41) Benzo(g,h,i)perylene	26.738	276	14353	0.368	ng	97

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

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