Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101325\
Data File : BN038080.D
Acq On : 13 Oct 2025 22:12
Operator : RC/JU
Sample : PB170061BSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Oct 14 02:40:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 24 11:00:01 2025
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
PB170061BSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/14/2025
Supervised By :mohammad ahmed 10/15/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.797	152	6262	0.400	ng	-0.03
7) Naphthalene-d8	10.594	136	16679	0.400	ng	#-0.03
13) Acenaphthene-d10	14.452	164	7730	0.400	ng	-0.02
19) Phenanthrene-d10	17.198	188	12472	0.400	ng	#-0.02
29) Chrysene-d12	21.393	240	7875	0.400	ng	# 0.00
35) Perylene-d12	23.712	264	7156	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.370	112	5147	0.360	ng	-0.01
5) Phenol-d6	6.959	99	5448	0.290	ng	-0.01
8) Nitrobenzene-d5	8.950	82	4860	0.382	ng	-0.02
11) 2-Methylnaphthalene-d10	12.192	152	9100m	0.393	ng	-0.03
14) 2,4,6-Tribromophenol	15.944	330	713	0.243	ng	-0.02
15) 2-Fluorobiphenyl	13.073	172	13629	0.431	ng	-0.02
27) Fluoranthene-d10	19.238	212	10274	0.327	ng	-0.01
31) Terphenyl-d14	19.838	244	7725	0.492	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.283	88	2503	0.394	ng	# 46
3) n-Nitrosodimethylamine	3.586	42	3321	0.393	ng	# 92
6) bis(2-Chloroethyl)ether	7.219	93	6370	0.365	ng	98
9) Naphthalene	10.648	128	17270	0.376	ng	100
10) Hexachlorobutadiene	10.946	225	3127	0.399	ng	# 99
12) 2-Methylnaphthalene	12.268	142	9323	0.311	ng	99
16) Acenaphthylene	14.174	152	13833	0.394	ng	99
17) Acenaphthene	14.516	154	8723	0.349	ng	99
18) Fluorene	15.499	166	9464	0.313	ng	100
20) 4,6-Dinitro-2-methylph...	15.584	198	372	0.302	ng	# 1
21) 4-Bromophenyl-phenylether	16.404	248	2873	0.353	ng	# 88
22) Hexachlorobenzene	16.515	284	3885	0.394	ng	98
23) Atrazine	16.664	200	1760	0.284	ng	# 93
24) Pentachlorophenol	16.863	266	1783	0.527	ng	97
25) Phenanthrene	17.248	178	14265	0.348	ng	100
26) Anthracene	17.335	178	12414	0.349	ng	100
28) Fluoranthene	19.266	202	13851	0.306	ng	100
30) Pyrene	19.629	202	13920	0.448	ng	100
32) Benzo(a)anthracene	21.375	228	9792	0.356	ng	99
33) Chrysene	21.429	228	12300	0.413	ng	99
34) Bis(2-ethylhexyl)phtha...	21.304	149	4156	0.382	ng	99
36) Indeno(1,2,3-cd)pyrene	26.080	276	13218	0.404	ng	98
37) Benzo(b)fluoranthene	23.008	252	10551	0.342	ng	# 86
38) Benzo(k)fluoranthene	23.054	252	11141	0.359	ng	# 84
39) Benzo(a)pyrene	23.610	252	9170	0.376	ng	# 79
40) Dibenzo(a,h)anthracene	26.101	278	9559	0.374	ng	# 88
41) Benzo(g,h,i)perylene	26.800	276	12253	0.457	ng	98

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

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