Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050724\
Data File : BN031427.D
Acq On : 07 May 2024 18:17
Operator : MA/JU
Sample : PB160745BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: May 07 18:43:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 07 17:14:43 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
PB160745BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 05/08/2024
Supervised By :mohammad ahmed 05/08/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.566	152	5531	0.400	ng		0.00
7) Naphthalene-d8	10.336	136	17336	0.400	ng		0.00
13) Acenaphthene-d10	14.210	164	8823	0.400	ng		0.00
19) Phenanthrene-d10	16.966	188	22881	0.400	ng		0.00
29) Chrysene-d12	21.166	240	15708	0.400	ng	#	0.00
35) Perylene-d12	23.355	264	20531	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.161	112	4746	0.366	ng		0.00
5) Phenol-d6	6.743	99	5541	0.360	ng		0.00
8) Nitrobenzene-d5	8.713	82	4509	0.296	ng		0.00
11) 2-Methylnaphthalene-d10	11.937	152	10086	0.492	ng		0.00
14) 2,4,6-Tribromophenol	15.713	330	1428	0.327	ng		0.00
15) 2-Fluorobiphenyl	12.831	172	15722	0.482	ng		0.00
27) Fluoranthene-d10	19.007	212	22913	0.370	ng		0.00
31) Terphenyl-d14	19.616	244	18102	0.454	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.103	88	2303	0.349	ng		100
3) n-Nitrosodimethylamine	3.421	42	2328	0.353	ng		95
6) bis(2-Chloroethyl)ether	7.003	93	5210	0.362	ng		98
9) Naphthalene	10.389	128	18073	0.373	ng		98
10) Hexachlorobutadiene	10.666	225	3767	0.372	ng	#	100
12) 2-Methylnaphthalene	12.013	142	11874	0.501	ng		98
16) Acenaphthylene	13.932	152	16012	0.414	ng		100
17) Acenaphthene	14.274	154	10225	0.385	ng		99
18) Fluorene	15.268	166	15190	0.442	ng		99
20) 4,6-Dinitro-2-methylph...	15.365	198	1036	0.320	ng	#	87
21) 4-Bromophenyl-phenylether	16.160	248	4954	0.375	ng		99
22) Hexachlorobenzene	16.271	284	5765	0.381	ng		99
23) Atrazine	16.445	200	3731	0.360	ng		98
24) Pentachlorophenol	16.619	266	1851	0.372	ng		99
25) Phenanthrene	17.004	178	24660	0.376	ng		100
26) Anthracene	17.103	178	19524	0.354	ng		99
28) Fluoranthene	19.035	202	29201	0.364	ng		100
30) Pyrene	19.402	202	29766	0.554	ng		100
32) Benzo(a)anthracene	21.157	228	20851	0.384	ng		98
33) Chrysene	21.202	228	19002	0.336	ng		98
34) Bis(2-ethylhexyl)phtha...	21.094	149	10481m	0.366	ng		
36) Indeno(1,2,3-cd)pyrene	25.539	276	32609	0.393	ng		99
37) Benzo(b)fluoranthene	22.700	252	21695	0.269	ng		99
38) Benzo(k)fluoranthene	22.744	252	26034	0.330	ng		99
39) Benzo(a)pyrene	23.259	252	26763	0.396	ng		97
40) Dibenzo(a,h)anthracene	25.554	278	25724	0.393	ng		98
41) Benzo(g,h,i)perylene	26.206	276	28786	0.434	ng		99

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

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