Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041224\
Data File : BN030868.D
Acq On : 12 Apr 2024 18:24
Operator : MA/JU
Sample : PB159883BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB159883BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024

Quant Time: Apr 12 19:10:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN041224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 12 15:55:57 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.675	152	8082	0.400	ng	0.00
7) Naphthalene-d8	10.453	136	23618	0.400	ng	0.00
13) Acenaphthene-d10	14.305	164	12622	0.400	ng	0.00
19) Phenanthrene-d10	17.053	188	27883	0.400	ng	#-0.01
29) Chrysene-d12	21.258	240	24649	0.400	ng	# 0.00
35) Perylene-d12	23.486	264	21190	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.270	112	7482	0.386	ng	0.00
5) Phenol-d6	6.844	99	9036	0.385	ng	0.00
8) Nitrobenzene-d5	8.819	82	5255	0.312	ng	0.00
11) 2-Methylnaphthalene-d10	12.043	152	12579	0.348	ng	0.00
14) 2,4,6-Tribromophenol	15.811	330	1577	0.309	ng	0.00
15) 2-Fluorobiphenyl	12.926	172	14968	0.335	ng	0.00
27) Fluoranthene-d10	19.098	212	22906	0.296	ng	0.00
31) Terphenyl-d14	19.702	244	19135	0.341	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.219	88	3046	0.312	ng	# 62
3) n-Nitrosodimethylamine	3.522	42	2695	0.287	ng	# 91
6) bis(2-Chloroethyl)ether	7.104	93	6985	0.319	ng	97
9) Naphthalene	10.496	128	19970	0.306	ng	100
10) Hexachlorobutadiene	10.784	225	3840	0.294	ng	# 99
12) 2-Methylnaphthalene	12.119	142	12536	0.293	ng	99
16) Acenaphthylene	14.028	152	17216	0.312	ng	100
17) Acenaphthene	14.370	154	11785	0.302	ng	99
18) Fluorene	15.364	166	15500	0.303	ng	100
20) 4,6-Dinitro-2-methylph...	15.449	198	751	0.215	ng	# 92
21) 4-Bromophenyl-phenylether	16.258	248	4857	0.296	ng	98
22) Hexachlorobenzene	16.358	284	5736	0.300	ng	100
23) Atrazine	16.544	200	3335	0.273	ng	95
24) Pentachlorophenol	16.705	266	1447	0.224	ng	99
25) Phenanthrene	17.102	178	25785	0.316	ng	97
26) Anthracene	17.189	178	20481	0.300	ng	99
28) Fluoranthene	19.126	202	28616	0.283	ng	100
30) Pyrene	19.493	202	31420	0.339	ng	100
32) Benzo(a)anthracene	21.240	228	25968	0.304	ng	99
33) Chrysene	21.294	228	27570	0.301	ng	99
34) Bis(2-ethylhexyl)phtha...	21.177	149	11924	0.320	ng	# 99
36) Indeno(1,2,3-cd)pyrene	25.737	276	25628	0.309	ng	100
37) Benzo(b)fluoranthene	22.817	252	29393m	0.313	ng	
38) Benzo(k)fluoranthene	22.861	252	25862	0.292	ng	98
39) Benzo(a)pyrene	23.390	252	21740	0.301	ng	95
40) Dibenzo(a,h)anthracene	25.755	278	20491	0.311	ng	99
41) Benzo(g,h,i)perylene	26.419	276	21632	0.303	ng	100

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

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