Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070222\
Data File : BN020654.D
Acq On : 03 Jul 2022 08:07
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 07/05/2022
Supervised By :Jagrut Upadhyay 07/05/2022

Quant Time: Jul 04 02:41:26 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 02 03:10:12 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.826	152	4321	0.400	ng	0.00
7) Naphthalene-d8	10.616	136	13137	0.400	ng	#-0.01
13) Acenaphthene-d10	14.474	164	7352	0.400	ng	0.00
19) Phenanthrene-d10	17.226	188	15428	0.400	ng	0.00
29) Chrysene-d12	21.431	240	11730	0.400	ng	# 0.00
35) Perylene-d12	23.779	264	8811	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.406	112	3691	0.308	ng	0.00
5) Phenol-d6	7.017	99	4643	0.324	ng	-0.01
8) Nitrobenzene-d5	8.982	82	3676	0.345	ng	-0.01
11) 2-Methylnaphthalene-d10	12.219	152	8386	0.372	ng	0.00
14) 2,4,6-Tribromophenol	15.974	330	803	0.290	ng	0.00
15) 2-Fluorobiphenyl	13.095	172	12269	0.404	ng	-0.01
27) Fluoranthene-d10	19.261	212	16261	0.355	ng	0.00
31) Terphenyl-d14	19.868	244	11487	0.410	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.261	88	2037	0.360	ng	99
3) n-Nitrosodimethylamine	3.608	42	1650	0.320	ng	# 95
6) bis(2-Chloroethyl)ether	7.248	93	4287	0.348	ng	96
9) Naphthalene	10.669	128	15233	0.388	ng	99
10) Hexachlorobutadiene	10.968	225	2769	0.387	ng	# 100
12) 2-Methylnaphthalene	12.295	142	9908	0.380	ng	99
16) Acenaphthylene	14.185	152	12673	0.359	ng	98
17) Acenaphthene	14.527	154	9133	0.380	ng	94
18) Fluorene	15.522	166	11731	0.374	ng	100
20) 4,6-Dinitro-2-methylph...	15.639	198	465	0.379	ng	# 67
21) 4-Bromophenyl-phenylether	16.415	248	3489	0.389	ng	96
22) Hexachlorobenzene	16.538	284	3922	0.395	ng	98
23) Atrazine	16.692	200	2123	0.300	ng	98
24) Pentachlorophenol	16.897	266	687	0.400	ng	95
25) Phenanthrene	17.267	178	19163	0.368	ng	100
26) Anthracene	17.359	178	15169	0.338	ng	99
28) Fluoranthene	19.295	202	20680	0.364	ng	100
30) Pyrene	19.657	202	20649	0.416	ng	100
32) Benzo(a)anthracene	21.413	228	14128	0.337	ng	99
33) Chrysene	21.467	228	18079	0.390	ng	98
34) Bis(2-ethylhexyl)phtha...	21.351	149	8090	0.343	ng	99
36) Indeno(1,2,3-cd)pyrene	26.211	276	13298	0.339	ng	100
37) Benzo(b)fluoranthene	23.065	252	13786	0.406	ng	99
38) Benzo(k)fluoranthene	23.112	252	14692m	0.407	ng	
39) Benzo(a)pyrene	23.679	252	11043	0.375	ng	95
40) Dibenzo(a,h)anthracene	26.229	278	10642	0.338	ng	98
41) Benzo(g,h,i)perylene	26.951	276	11766	0.342	ng	97

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

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