Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031222\
Data File : BN018924.D
Acq On : 11 Mar 2022 14:31
Operator : CG/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022

Quant Time: Mar 11 16:20:03 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN031222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 11 16:19:02 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.898	152	5259	0.400	ng		0.00
7) Naphthalene-d8	10.701	136	13583	0.400	ng	#	0.00
13) Acenaphthene-d10	14.527	164	8397	0.400	ng		0.00
19) Phenanthrene-d10	17.267	188	18253	0.400	ng	#	0.00
29) Chrysene-d12	21.449	240	12740	0.400	ng		0.00
35) Perylene-d12	23.834	264	10554	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.449	112	2763	0.240	ng		0.00
5) Phenol-d6	7.053	99	3091	0.224	ng		0.00
8) Nitrobenzene-d5	9.046	82	2240	0.226	ng		0.00
11) 2-Methylnaphthalene-d10	12.291	152	4258	0.192	ng		0.00
14) 2,4,6-Tribromophenol	16.015	330	788	0.204	ng		0.00
15) 2-Fluorobiphenyl	13.159	172	7301	0.203	ng		0.00
27) Fluoranthene-d10	19.295	212	9573	0.178	ng		0.00
31) Terphenyl-d14	19.889	244	5698	0.209	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.304	88	1263	0.215	ng		97
3) n-Nitrosodimethylamine	3.629	42	1381	0.222	ng		97
6) bis(2-Chloroethyl)ether	7.313	93	3039	0.204	ng		99
9) Naphthalene	10.754	128	7590	0.195	ng		98
10) Hexachlorobutadiene	11.053	225	1758	0.198	ng	#	98
12) 2-Methylnaphthalene	12.363	142	5039	0.186	ng		98
16) Acenaphthylene	14.249	152	7076	0.185	ng		99
17) Acenaphthene	14.591	154	5238	0.193	ng		99
18) Fluorene	15.575	166	6795	0.192	ng		99
20) 4,6-Dinitro-2-methylph...	15.650	198	556	0.249	ng	#	77
21) 4-Bromophenyl-phenylether	16.456	248	2293	0.189	ng	#	80
22) Hexachlorobenzene	16.579	284	2804	0.185	ng		100
23) Atrazine	16.723	200	1523	0.212	ng		96
24) Pentachlorophenol	16.928	266	742	0.203	ng		98
25) Phenanthrene	17.308	178	11756	0.194	ng		100
26) Anthracene	17.400	178	9753	0.191	ng		99
28) Fluoranthene	19.324	202	11957	0.174	ng		99
30) Pyrene	19.687	202	12245	0.215	ng		100
32) Benzo(a)anthracene	21.431	228	9598	0.201	ng		99
33) Chrysene	21.485	228	10386	0.198	ng		99
34) Bis(2-ethylhexyl)phtha...	21.360	149	4401	0.149	ng	#	99
36) Indeno(1,2,3-cd)pyrene	26.308	276	9027	0.190	ng		98
37) Benzo(b)fluoranthene	23.109	252	9031m	0.184	ng		
38) Benzo(k)fluoranthene	23.156	252	8361	0.172	ng		94
39) Benzo(a)pyrene	23.729	252	7101	0.188	ng	#	88
40) Dibenzo(a,h)anthracene	26.331	278	6810	0.187	ng		94
41) Benzo(g,h,i)perylene	27.068	276	8068	0.207	ng		97

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

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