Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051222\
Data File : BN019745.D
Acq On : 12 May 2022 10:02
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/13/2022
Supervised By :Jagrut Upadhyay 05/17/2022

Quant Time: May 13 06:15:42 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 10 01:35:26 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.854	152	4079	0.400	ng		0.00
7) Naphthalene-d8	10.637	136	12325	0.400	ng		-0.01
13) Acenaphthene-d10	14.474	164	7583	0.400	ng		0.00
19) Phenanthrene-d10	17.215	188	16982	0.400	ng	#	0.00
29) Chrysene-d12	21.404	240	14792	0.400	ng		0.00
35) Perylene-d12	23.738	264	12935	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.435	112	4482	0.486	ng		0.00
5) Phenol-d6	7.016	99	5526	0.476	ng		0.00
8) Nitrobenzene-d5	8.993	82	4005	0.389	ng		-0.01
11) 2-Methylnaphthalene-d10	12.231	152	8354	0.396	ng		0.00
14) 2,4,6-Tribromophenol	15.954	330	1271	0.462	ng		-0.01
15) 2-Fluorobiphenyl	13.105	172	13155	0.385	ng		0.00
27) Fluoranthene-d10	19.240	212	18772	0.383	ng		0.00
31) Terphenyl-d14	19.843	244	14316	0.416	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.355	88	2052m	0.394	ng		
3) n-Nitrosodimethylamine	3.665	42	2254	0.422	ng		98
6) bis(2-Chloroethyl)ether	7.277	93	5073	0.406	ng		100
9) Naphthalene	10.690	128	14634	0.389	ng		99
10) Hexachlorobutadiene	10.989	225	2696	0.383	ng	#	100
12) 2-Methylnaphthalene	12.302	142	9827	0.390	ng		99
16) Acenaphthylene	14.185	152	13383	0.351	ng		99
17) Acenaphthene	14.538	154	10018	0.376	ng		99
18) Fluorene	15.521	166	12699	0.375	ng		99
20) 4,6-Dinitro-2-methylph...	15.586	198	1004	0.427	ng		98
21) 4-Bromophenyl-phenylether	16.405	248	3997	0.359	ng	#	89
22) Hexachlorobenzene	16.528	284	4456	0.353	ng		99
23) Atrazine	16.672	200	2783	0.408	ng		94
24) Pentachlorophenol	16.866	266	1854	0.486	ng		99
25) Phenanthrene	17.246	178	22508	0.374	ng		99
26) Anthracene	17.338	178	18803	0.378	ng		100
28) Fluoranthene	19.274	202	24183	0.377	ng		99
30) Pyrene	19.632	202	25067	0.398	ng		100
32) Benzo(a)anthracene	21.386	228	21013	0.393	ng		100
33) Chrysene	21.431	228	23362	0.374	ng		98
34) Bis(2-ethylhexyl)phtha...	21.324	149	9229	0.384	ng		99
36) Indeno(1,2,3-cd)pyrene	26.144	276	23054	0.352	ng		99
37) Benzo(b)fluoranthene	23.030	252	21082	0.363	ng		99
38) Benzo(k)fluoranthene	23.077	252	22609	0.374	ng		99
39) Benzo(a)pyrene	23.635	252	16946	0.377	ng		99
40) Dibenzo(a,h)anthracene	26.158	278	18603	0.347	ng		99
41) Benzo(g,h,i)perylene	26.875	276	18668	0.334	ng		99

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

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