Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051122\
Data File : BN019743.D
Acq On : 12 May 2022 04:47
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/12/2022
Supervised By :Yogesh Patel 05/17/2022

Quant Time: May 12 05:53:18 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	7.862	152	4105	0.400	ng		0.00
7) Naphthalene-d8	10.648	136	12630	0.400	ng		0.00
13) Acenaphthene-d10	14.474	164	7441	0.400	ng		0.00
19) Phenanthrene-d10	17.215	188	16501	0.400	ng		0.00
29) Chrysene-d12	21.404	240	15183	0.400	ng		0.00
35) Perylene-d12	23.741	264	14141	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.442	112	4251	0.458	ng		0.00
5) Phenol-d6	7.017	99	5309	0.454	ng		0.00
8) Nitrobenzene-d5	9.003	82	3569	0.338	ng		0.00
11) 2-Methylnaphthalene-d10	12.235	152	8395	0.388	ng		0.00
14) 2,4,6-Tribromophenol	15.964	330	1140	0.422	ng		0.00
15) 2-Fluorobiphenyl	13.105	172	13196	0.393	ng		0.00
27) Fluoranthene-d10	19.244	212	18234	0.383	ng		0.00
31) Terphenyl-d14	19.847	244	14094	0.399	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.362	88	2047m	0.391	ng		
3) n-Nitrosodimethylamine	3.680	42	1980	0.368	ng	#	97
6) bis(2-Chloroethyl)ether	7.284	93	4832	0.384	ng		99
9) Naphthalene	10.701	128	14921	0.387	ng		100
10) Hexachlorobutadiene	11.000	225	2726	0.378	ng	#	100
12) 2-Methylnaphthalene	12.306	142	9909	0.383	ng		98
16) Acenaphthylene	14.196	152	13162	0.351	ng		99
17) Acenaphthene	14.538	154	9867	0.378	ng		99
18) Fluorene	15.522	166	12414	0.374	ng		99
20) 4,6-Dinitro-2-methylph...	15.596	198	879	0.384	ng		95
21) 4-Bromophenyl-phenylether	16.415	248	3847	0.356	ng		98
22) Hexachlorobenzene	16.528	284	4481	0.365	ng		99
23) Atrazine	16.672	200	2287	0.345	ng		97
24) Pentachlorophenol	16.867	266	1487	0.401	ng		96
25) Phenanthrene	17.256	178	21912	0.375	ng		100
26) Anthracene	17.349	178	17489	0.362	ng		100
28) Fluoranthene	19.278	202	23626	0.379	ng		100
30) Pyrene	19.636	202	24654	0.382	ng		100
32) Benzo(a)anthracene	21.387	228	20896	0.380	ng		99
33) Chrysene	21.440	228	24614	0.384	ng		99
34) Bis(2-ethylhexyl)phtha...	21.324	149	8254	0.334	ng		100
36) Indeno(1,2,3-cd)pyrene	26.150	276	25665	0.358	ng		99
37) Benzo(b)fluoranthene	23.030	252	21974	0.346	ng		100
38) Benzo(k)fluoranthene	23.077	252	24535m	0.372	ng		
39) Benzo(a)pyrene	23.641	252	18042	0.367	ng		99
40) Dibenzo(a,h)anthracene	26.162	278	20810	0.355	ng		99
41) Benzo(g,h,i)perylene	26.881	276	20779	0.340	ng		98

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

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