Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121421\
Data File : BN017994.D
Acq On : 14 Dec 2021 08:35
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/15/2021
Supervised By :Jagrut Upadhyay 12/15/2021

Quant Time: Dec 14 09:04:15 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 14 01:08:04 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.688	152	34569	0.400	ng		0.00
7) Naphthalene-d8	10.470	136	138318	0.400	ng		0.00
13) Acenaphthene-d10	14.319	164	83751	0.400	ng		0.00
19) Phenanthrene-d10	17.066	188	168807	0.400	ng		0.00
29) Chrysene-d12	21.270	240	166701	0.400	ng		0.00
35) Perylene-d12	23.549	264	162744	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.291	112	27470	0.367	ng		0.00
5) Phenol-d6	6.877	99	26888	0.358	ng		0.00
8) Nitrobenzene-d5	8.835	82	35272	0.359	ng		0.00
11) 2-Methylnaphthalene-d10	12.065	152	88759	0.387	ng		0.00
14) 2,4,6-Tribromophenol	15.817	330	11184	0.400	ng		0.00
15) 2-Fluorobiphenyl	12.949	172	112018	0.384	ng		0.00
27) Fluoranthene-d10	19.103	212	220151	0.390	ng		0.00
31) Terphenyl-d14	19.718	244	131628	0.379	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.235	88	8288m	0.385	ng		
3) n-Nitrosodimethylamine	3.567	42	10716	0.333	ng		98
6) bis(2-Chloroethyl)ether	7.117	93	34428	0.388	ng		100
9) Naphthalene	10.508	128	131882	0.380	ng		99
10) Hexachlorobutadiene	10.812	225	37820	0.396	ng	#	100
12) 2-Methylnaphthalene	12.141	142	84964	0.392	ng		98
16) Acenaphthylene	14.040	152	131891	0.381	ng		100
17) Acenaphthene	14.383	154	83540	0.379	ng		100
18) Fluorene	15.373	166	105156	0.389	ng		100
20) 4,6-Dinitro-2-methylph...	15.474	198	2900	0.356	ng	#	90
21) 4-Bromophenyl-phenylether	16.263	248	37722	0.369	ng		96
22) Hexachlorobenzene	16.385	284	47156	0.386	ng		100
23) Atrazine	16.543	200	23061	0.343	ng		99
24) Pentachlorophenol	16.738	266	6811	0.448	ng		99
25) Phenanthrene	17.103	178	165122	0.384	ng		100
26) Anthracene	17.200	178	147550	0.380	ng		100
28) Fluoranthene	19.132	202	213193	0.398	ng		100
30) Pyrene	19.500	202	214374	0.392	ng		100
32) Benzo(a)anthracene	21.249	228	183735	0.366	ng		98
33) Chrysene	21.302	228	209260	0.391	ng		100
34) Bis(2-ethylhexyl)phtha...	21.196	149	83826	0.340	ng		100
36) Indeno(1,2,3-cd)pyrene	25.887	276	210385	0.386	ng		100
37) Benzo(b)fluoranthene	22.858	252	193610	0.400	ng		100
38) Benzo(k)fluoranthene	22.906	252	192546	0.408	ng		100
39) Benzo(a)pyrene	23.450	252	191798	0.390	ng		100
40) Dibenzo(a,h)anthracene	25.904	278	153844	0.362	ng		100
41) Benzo(g,h,i)perylene	26.596	276	196676	0.386	ng		99

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

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