Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082422\
Data File : BN021372.D
Acq On : 25 Aug 2022 15:24
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

Quant Time: Aug 25 16:24:40 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 25 06:55:06 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.083	152	3180	0.400	ng	0.00
7) Naphthalene-d8	10.909	136	9803	0.400	ng	-0.01
13) Acenaphthene-d10	14.728	164	5255	0.400	ng	-0.01
19) Phenanthrene-d10	17.480	188	10867	0.400	ng	-0.01
29) Chrysene-d12	21.673	240	8805	0.400	ng	# 0.00
35) Perylene-d12	24.208	264	7373	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.599	112	2904	0.337	ng	0.00
5) Phenol-d6	7.231	99	3598	0.334	ng	0.00
8) Nitrobenzene-d5	9.254	82	2577	0.347	ng	0.00
11) 2-Methylnaphthalene-d10	12.497	152	8507	0.514	ng	0.00
14) 2,4,6-Tribromophenol	16.218	330	710	0.295	ng	-0.01
15) 2-Fluorobiphenyl	13.360	172	9528	0.405	ng	-0.01
27) Fluoranthene-d10	19.514	212	11315	0.348	ng	0.00
31) Terphenyl-d14	20.106	244	7616	0.409	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.410	88	1698	0.385	ng	# 88
3) n-Nitrosodimethylamine	3.750	42	1567	0.371	ng	94
6) bis(2-Chloroethyl)ether	7.498	93	4375	0.405	ng	100
9) Naphthalene	10.962	128	11765	0.365	ng	99
10) Hexachlorobutadiene	11.250	225	2116	0.398	ng	# 99
12) 2-Methylnaphthalene	12.195	142	1501	0.274	ng	99
16) Acenaphthylene	14.450	152	9512	0.361	ng	100
17) Acenaphthene	14.793	154	7062	0.386	ng	100
18) Fluorene	15.776	166	8460	0.369	ng	100
20) 4,6-Dinitro-2-methylph...	15.648	198	6	0.420	ng	90
21) 4-Bromophenyl-phenylether	16.670	248	2755	0.370	ng	# 89
22) Hexachlorobenzene	16.783	284	3471	0.402	ng	99
23) Atrazine	16.936	200	1392	0.296	ng	99
24) Pentachlorophenol	17.131	266	783	0.262	ng	100
25) Phenanthrene	17.521	178	14849	0.374	ng	100
26) Anthracene	17.613	178	11353	0.348	ng	100
28) Fluoranthene	19.543	202	15208	0.348	ng	100
30) Pyrene	19.906	202	17892	0.404	ng	96
32) Benzo(a)anthracene	21.664	228	11944	0.358	ng	99
33) Chrysene	21.718	228	14806	0.408	ng	100
34) Bis(2-ethylhexyl)phtha...	21.574	149	4646	0.289	ng	99
36) Indeno(1,2,3-cd)pyrene	26.872	276	14185	0.378	ng	100
37) Benzo(b)fluoranthene	23.428	252	12989	0.399	ng	98
38) Benzo(k)fluoranthene	23.477	252	13775m	0.410	ng	
39) Benzo(a)pyrene	24.094	252	9791	0.371	ng	99
40) Dibenzo(a,h)anthracene	26.898	278	11574	0.375	ng	97
41) Benzo(g,h,i)perylene	27.688	276	12583	0.387	ng	99

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

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