Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051322\
Data File : BN019764.D
Acq On : 13 May 2022 10:07
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: May 13 23:58:51 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN051322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 13 02:41:37 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	4293	0.400	ng	0.00
7) Naphthalene-d8	10.637	136	12725	0.400	ng	#-0.01
13) Acenaphthene-d10	14.474	164	7504	0.400	ng	0.00
19) Phenanthrene-d10	17.215	188	16639	0.400	ng	0.00
29) Chrysene-d12	21.395	240	17484	0.400	ng	0.00
35) Perylene-d12	23.735	264	16704	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.435	112	4594	0.428	ng	0.00
5) Phenol-d6	7.009	99	5528	0.411	ng	-0.01
8) Nitrobenzene-d5	8.993	82	3919	0.408	ng	-0.01
11) 2-Methylnaphthalene-d10	12.227	152	8492	0.383	ng	0.00
14) 2,4,6-Tribromophenol	15.954	330	1184	0.399	ng	-0.01
15) 2-Fluorobiphenyl	13.105	172	12650	0.386	ng	0.00
27) Fluoranthene-d10	19.240	212	20747	0.439	ng	0.00
31) Terphenyl-d14	19.839	244	15179	0.368	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.355	88	2002	0.393	ng	96
3) n-Nitrosodimethylamine	3.665	42	2448	0.439	ng	# 94
6) bis(2-Chloroethyl)ether	7.277	93	5352	0.409	ng	100
9) Naphthalene	10.690	128	15095	0.391	ng	100
10) Hexachlorobutadiene	10.989	225	2773	0.395	ng	# 99
12) 2-Methylnaphthalene	12.303	142	10054	0.382	ng	99
16) Acenaphthylene	14.185	152	13196	0.375	ng	98
17) Acenaphthene	14.538	154	10023	0.385	ng	100
18) Fluorene	15.521	166	13792	0.419	ng	100
20) 4,6-Dinitro-2-methylph...	15.586	198	1130	0.473	ng	# 85
21) 4-Bromophenyl-phenylether	16.405	248	3975	0.391	ng	95
22) Hexachlorobenzene	16.528	284	4395	0.390	ng	99
23) Atrazine	16.672	200	2920	0.440	ng	97
24) Pentachlorophenol	16.867	266	1972	0.453	ng	97
25) Phenanthrene	17.246	178	22270	0.387	ng	100
26) Anthracene	17.338	178	18720	0.384	ng	100
28) Fluoranthene	19.274	202	26499	0.429	ng	99
30) Pyrene	19.632	202	27727	0.374	ng	100
32) Benzo(a)anthracene	21.378	228	26173	0.411	ng	98
33) Chrysene	21.431	228	27728	0.388	ng	98
34) Bis(2-ethylhexyl)phtha...	21.324	149	15127	0.570	ng	100
36) Indeno(1,2,3-cd)pyrene	26.135	276	30973	0.396	ng	99
37) Benzo(b)fluoranthene	23.027	252	27496	0.377	ng	99
38) Benzo(k)fluoranthene	23.071	252	27558	0.356	ng	98
39) Benzo(a)pyrene	23.633	252	22337	0.389	ng	100
40) Dibenzo(a,h)anthracene	26.156	278	24791	0.393	ng	99
41) Benzo(g,h,i)perylene	26.872	276	25895	0.399	ng	99

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

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