Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051122\
Data File : BN019733.D
Acq On : 11 May 2022 22:51
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 05/12/2022
Supervised By :Yogesh Patel 05/17/2022

Quant Time: May 12 05:52:36 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	4649	0.400	ng	0.00
7) Naphthalene-d8	10.648	136	14100	0.400	ng	0.00
13) Acenaphthene-d10	14.474	164	8139	0.400	ng	0.00
19) Phenanthrene-d10	17.215	188	18139	0.400	ng	0.00
29) Chrysene-d12	21.404	240	15991	0.400	ng	0.00
35) Perylene-d12	23.744	264	14873	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.442	112	4594	0.437	ng	0.00
5) Phenol-d6	7.024	99	5754	0.435	ng	0.00
8) Nitrobenzene-d5	9.003	82	3971	0.337	ng	0.00
11) 2-Methylnaphthalene-d10	12.235	152	9306	0.386	ng	0.00
14) 2,4,6-Tribromophenol	15.964	330	1137	0.385	ng	0.00
15) 2-Fluorobiphenyl	13.105	172	14584	0.397	ng	0.00
27) Fluoranthene-d10	19.249	212	19788	0.378	ng	0.00
31) Terphenyl-d14	19.847	244	14902	0.401	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.362	88	2210m	0.373	ng	
3) n-Nitrosodimethylamine	3.673	42	2201	0.361	ng	# 92
6) bis(2-Chloroethyl)ether	7.284	93	5409	0.379	ng	100
9) Naphthalene	10.701	128	16620	0.386	ng	99
10) Hexachlorobutadiene	11.000	225	3060	0.380	ng	# 100
12) 2-Methylnaphthalene	12.306	142	11003	0.381	ng	97
16) Acenaphthylene	14.196	152	14318	0.350	ng	99
17) Acenaphthene	14.538	154	10937	0.383	ng	99
18) Fluorene	15.521	166	13570	0.374	ng	99
20) 4,6-Dinitro-2-methylph...	15.596	198	956	0.380	ng	95
21) 4-Bromophenyl-phenylether	16.415	248	4254	0.358	ng	99
22) Hexachlorobenzene	16.528	284	4856	0.360	ng	98
23) Atrazine	16.672	200	2465	0.338	ng	97
24) Pentachlorophenol	16.867	266	1587	0.390	ng	98
25) Phenanthrene	17.256	178	24114	0.375	ng	99
26) Anthracene	17.349	178	19062	0.359	ng	100
28) Fluoranthene	19.278	202	25819	0.377	ng	100
30) Pyrene	19.641	202	26248	0.386	ng	100
32) Benzo(a)anthracene	21.387	228	21807	0.377	ng	100
33) Chrysene	21.440	228	26413	0.391	ng	100
34) Bis(2-ethylhexyl)phtha...	21.324	149	8790	0.338	ng	100
36) Indeno(1,2,3-cd)pyrene	26.150	276	27248	0.362	ng	99
37) Benzo(b)fluoranthene	23.033	252	23484	0.352	ng	99
38) Benzo(k)fluoranthene	23.080	252	26493m	0.382	ng	
39) Benzo(a)pyrene	23.641	252	18955	0.367	ng	99
40) Dibenzo(a,h)anthracene	26.167	278	22037	0.358	ng	99
41) Benzo(g,h,i)perylene	26.887	276	21913	0.341	ng	98

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

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