Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040422\
Data File : BN019323.D
Acq On : 04 Apr 2022 17:24
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN040422

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/05/2022
Supervised By :Jagrut Upadhyay 04/05/2022

Quant Time: Apr 05 03:29:58 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN040422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 04 17:40:00 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.833	152	2959	0.400	ng		0.00
7) Naphthalene-d8	10.626	136	8563	0.400	ng	#	0.00
13) Acenaphthene-d10	14.463	164	5835	0.400	ng		0.00
19) Phenanthrene-d10	17.205	188	13068	0.400	ng		0.00
29) Chrysene-d12	21.395	240	10796	0.400	ng	#	0.00
35) Perylene-d12	23.749	264	10141	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.384	112	3645	0.460	ng		0.00
5) Phenol-d6	6.995	99	4037	0.423	ng		0.00
8) Nitrobenzene-d5	8.982	82	3135	0.403	ng		0.00
11) 2-Methylnaphthalene-d10	12.223	152	6618	0.440	ng		0.00
14) 2,4,6-Tribromophenol	15.954	330	1372	0.387	ng		0.00
15) 2-Fluorobiphenyl	13.095	172	10714	0.442	ng		0.00
27) Fluoranthene-d10	19.240	212	18162	0.431	ng		0.00
31) Terphenyl-d14	19.839	244	10394	0.443	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.218	88	1678	0.474	ng		95
3) n-Nitrosodimethylamine	3.543	42	2181	0.466	ng		96
6) bis(2-Chloroethyl)ether	7.248	93	4301	0.448	ng		97
9) Naphthalene	10.680	128	11483	0.454	ng		99
10) Hexachlorobutadiene	10.979	225	2590	0.470	ng	#	100
12) 2-Methylnaphthalene	12.299	142	7963	0.454	ng		98
16) Acenaphthylene	14.185	152	11917	0.411	ng		99
17) Acenaphthene	14.527	154	8420	0.437	ng		98
18) Fluorene	15.511	166	11264	0.443	ng		99
20) 4,6-Dinitro-2-methylph...	15.607	198	745	0.310	ng	#	52
21) 4-Bromophenyl-phenylether	16.395	248	3753	0.426	ng	#	76
22) Hexachlorobenzene	16.528	284	4657	0.452	ng		99
23) Atrazine	16.672	200	2757	0.380	ng		96
24) Pentachlorophenol	16.867	266	1142	0.285	ng		98
25) Phenanthrene	17.246	178	18906	0.431	ng		100
26) Anthracene	17.338	178	15500	0.402	ng		100
28) Fluoranthene	19.270	202	22327	0.429	ng		99
30) Pyrene	19.632	202	23203	0.462	ng		100
32) Benzo(a)anthracene	21.378	228	15277	0.383	ng		99
33) Chrysene	21.431	228	19506	0.440	ng		99
34) Bis(2-ethylhexyl)phtha...	21.306	149	10851	0.366	ng		100
36) Indeno(1,2,3-cd)pyrene	26.176	276	16843	0.397	ng		99
37) Benzo(b)fluoranthene	23.033	252	17099m	0.430	ng		
38) Benzo(k)fluoranthene	23.083	252	16434	0.396	ng		97
39) Benzo(a)pyrene	23.650	252	14720	0.412	ng	#	84
40) Dibenzo(a,h)anthracene	26.191	278	12746	0.388	ng		94
41) Benzo(g,h,i)perylene	26.916	276	17251	0.438	ng		99

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

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