Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052622\
Data File : BN019983.D
Acq On : 26 May 2022 22:05
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 05/27/2022
Supervised By :Jagrut Upadhyay 05/27/2022

Quant Time: May 27 06:06:24 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 18 07:42:52 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.854	152	4155	0.400	ng		0.00
7) Naphthalene-d8	10.637	136	13811	0.400	ng		0.00
13) Acenaphthene-d10	14.463	164	8194	0.400	ng		0.00
19) Phenanthrene-d10	17.205	188	16193	0.400	ng	#	0.00
29) Chrysene-d12	21.395	240	10006	0.400	ng	#	0.00
35) Perylene-d12	23.735	264	8468	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.435	112	4483	0.431	ng		0.00
5) Phenol-d6	7.016	99	5653	0.434	ng		0.00
8) Nitrobenzene-d5	8.993	82	4088	0.392	ng		0.00
11) 2-Methylnaphthalene-d10	12.223	152	9114	0.379	ng		0.00
14) 2,4,6-Tribromophenol	15.954	330	907	0.280	ng		0.00
15) 2-Fluorobiphenyl	13.095	172	13489	0.377	ng		0.00
27) Fluoranthene-d10	19.240	212	15114	0.329	ng		0.00
31) Terphenyl-d14	19.839	244	10640	0.451	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.355	88	1680	0.341	ng		99
3) n-Nitrosodimethylamine	3.673	42	1935	0.358	ng	#	97
6) bis(2-Chloroethyl)ether	7.276	93	4644	0.366	ng		98
9) Naphthalene	10.690	128	15689	0.374	ng		99
10) Hexachlorobutadiene	10.978	225	2878	0.377	ng	#	100
12) 2-Methylnaphthalene	12.299	142	10761	0.377	ng		99
16) Acenaphthylene	14.185	152	14655m	0.381	ng		
17) Acenaphthene	14.527	154	10031	0.353	ng		96
18) Fluorene	15.511	166	12738	0.354	ng		100
20) 4,6-Dinitro-2-methylph...	15.596	198	213	0.092	ng	#	40
21) 4-Bromophenyl-phenylether	16.405	248	3843	0.388	ng	#	89
22) Hexachlorobenzene	16.528	284	4410	0.402	ng		99
23) Atrazine	16.672	200	2401	0.372	ng		96
24) Pentachlorophenol	16.866	266	997	0.236	ng		99
25) Phenanthrene	17.246	178	20487	0.365	ng		100
26) Anthracene	17.338	178	17043	0.359	ng		100
28) Fluoranthene	19.269	202	19534	0.325	ng		100
30) Pyrene	19.632	202	19123	0.451	ng		100
32) Benzo(a)anthracene	21.377	228	13391	0.367	ng		98
33) Chrysene	21.431	228	15105	0.369	ng		98
34) Bis(2-ethylhexyl)phtha...	21.315	149	7303	0.481	ng		100
36) Indeno(1,2,3-cd)pyrene	26.141	276	14390	0.363	ng		99
37) Benzo(b)fluoranthene	23.027	252	12754	0.345	ng		98
38) Benzo(k)fluoranthene	23.071	252	13807m	0.352	ng		
39) Benzo(a)pyrene	23.635	252	10721	0.369	ng	#	94
40) Dibenzo(a,h)anthracene	26.156	278	11269	0.353	ng		98
41) Benzo(g,h,i)perylene	26.875	276	11633	0.354	ng		99

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

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