Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040422\
Data File : BN019319.D
Acq On : 04 Apr 2022 15:00
Operator : CG/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Manual Integrations APPROVED

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

Quant Time: Apr 04 16:02:04 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 15:25:41 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.825	152	4107	0.400	ng		0.00
7) Naphthalene-d8	10.626	136	11678	0.400	ng	#	0.00
13) Acenaphthene-d10	14.463	164	7813	0.400	ng		0.00
19) Phenanthrene-d10	17.205	188	17335	0.400	ng		0.00
29) Chrysene-d12	21.395	240	14954	0.400	ng	#	0.00
35) Perylene-d12	23.752	264	13563	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.377	112	9135	1.017	ng		0.00
5) Phenol-d6	6.988	99	10844	1.138	ng		0.00
8) Nitrobenzene-d5	8.982	82	8607	1.026	ng		0.00
11) 2-Methylnaphthalene-d10	12.223	152	17337	0.935	ng		0.00
14) 2,4,6-Tribromophenol	15.954	330	3811	1.042	ng		0.00
15) 2-Fluorobiphenyl	13.095	172	26907	0.858	ng		0.00
27) Fluoranthene-d10	19.240	212	45575	0.875	ng		0.00
31) Terphenyl-d14	19.839	244	27757	0.834	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.218	88	4252	0.779	ng		96
3) n-Nitrosodimethylamine	3.543	42	5403	0.948	ng		99
6) bis(2-Chloroethyl)ether	7.240	93	11151	0.981	ng		96
9) Naphthalene	10.680	128	29205	0.863	ng		100
10) Hexachlorobutadiene	10.979	225	6413	0.812	ng	#	99
12) 2-Methylnaphthalene	12.295	142	20376	0.933	ng		99
16) Acenaphthylene	14.185	152	32021	0.890	ng		99
17) Acenaphthene	14.527	154	21425	0.837	ng		99
18) Fluorene	15.511	166	28787	0.899	ng		99
20) 4,6-Dinitro-2-methylph...	15.596	198	2473	1.154	ng		98
21) 4-Bromophenyl-phenylether	16.395	248	9636	0.866	ng	#	77
22) Hexachlorobenzene	16.528	284	11400	0.787	ng		99
23) Atrazine	16.661	200	7672	1.006	ng		99
24) Pentachlorophenol	16.866	266	4151	0.996	ng		99
25) Phenanthrene	17.246	178	48066	0.881	ng		100
26) Anthracene	17.338	178	41866	0.928	ng		100
28) Fluoranthene	19.270	202	57394	0.882	ng		99
30) Pyrene	19.632	202	58431	0.791	ng		100
32) Benzo(a)anthracene	21.378	228	45332	0.968	ng		99
33) Chrysene	21.431	228	52546	0.877	ng		99
34) Bis(2-ethylhexyl)phtha...	21.315	149	32524	1.039	ng		100
36) Indeno(1,2,3-cd)pyrene	26.173	276	47514	0.857	ng		98
37) Benzo(b)fluoranthene	23.033	252	44051	0.874	ng		98
38) Benzo(k)fluoranthene	23.080	252	48191m	0.887	ng		
39) Benzo(a)pyrene	23.647	252	40509	0.885	ng		99
40) Dibenzo(a,h)anthracene	26.194	278	36992	0.914	ng		99
41) Benzo(g,h,i)perylene	26.919	276	44285	0.783	ng		100

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

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