Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030322\
Data File : BN018799.D
Acq On : 02 Mar 2022 19:41
Operator : CG/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/03/2022

Quant Time: Mar 03 00:12:29 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN030322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 03 00:10:39 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.912	152	6719	0.400	ng		0.00
7) Naphthalene-d8	10.712	136	16954	0.400	ng		#-0.01
13) Acenaphthene-d10	14.538	164	10625	0.400	ng		0.00
19) Phenanthrene-d10	17.277	188	22125	0.400	ng		0.00
29) Chrysene-d12	21.458	240	19396	0.400	ng		# 0.00
35) Perylene-d12	23.861	264	13368	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.464	112	47028	3.058	ng		0.00
5) Phenol-d6	7.060	99	59213	3.348	ng		0.00
8) Nitrobenzene-d5	9.057	82	42945	3.276	ng		-0.01
11) 2-Methylnaphthalene-d10	12.303	152	89891	3.517	ng		0.00
14) 2,4,6-Tribromophenol	16.026	330	18770	4.525	ng		0.00
15) 2-Fluorobiphenyl	13.170	172	141423	2.808	ng		0.00
27) Fluoranthene-d10	19.312	212	217328	3.619	ng		0.00
31) Terphenyl-d14	19.902	244	131592	3.127	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.319	88	23265	2.982	ng		97
3) n-Nitrosodimethylamine	3.629	42	26322	3.401	ng	#	99
6) bis(2-Chloroethyl)ether	7.327	93	60172	3.310	ng		99
9) Naphthalene	10.765	128	153969	3.147	ng		99
10) Hexachlorobutadiene	11.064	225	34264	2.912	ng	#	100
12) 2-Methylnaphthalene	12.378	142	111361	3.400	ng		100
16) Acenaphthylene	14.260	152	170071	3.374	ng		100
17) Acenaphthene	14.602	154	111916	3.217	ng		97
18) Fluorene	15.586	166	145949	3.484	ng		99
21) 4-Bromophenyl-phenylether	16.477	248	49950	3.177	ng		96
22) Hexachlorobenzene	16.600	284	58869	2.991	ng		100
23) Atrazine	16.733	200	32320	3.724	ng		97
24) Pentachlorophenol	16.938	266	20236	4.860	ng		99
25) Phenanthrene	17.318	178	241199	3.257	ng		100
26) Anthracene	17.410	178	217651	3.471	ng		100
28) Fluoranthene	19.341	202	279446	3.611	ng		100
30) Pyrene	19.700	202	278703	3.218	ng		100
32) Benzo(a)anthracene	21.449	228	248135	3.374	ng		99
33) Chrysene	21.494	228	248550	3.029	ng		98
34) Bis(2-ethylhexyl)phtha...	21.378	149	110697	3.704	ng		100
36) Indeno(1,2,3-cd)pyrene	26.346	276	195441	2.769	ng		99
37) Benzo(b)fluoranthene	23.127	252	203411	3.349	ng	#	95
38) Benzo(k)fluoranthene	23.177	252	209682m	3.482	ng		
39) Benzo(a)pyrene	23.753	252	160094	3.306	ng	#	91
40) Dibenzo(a,h)anthracene	26.360	278	152506	2.770	ng		97
41) Benzo(g,h,i)perylene	27.106	276	157888	2.614	ng		99

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

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