Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060822\
Data File : BN020060.D
Acq On : 08 Jun 2022 11:01
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 06/09/2022
Supervised By :Jagrut Upadhyay 06/09/2022

Quant Time: Jun 09 01:53:33 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN051322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 09 01:49:56 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.825	152	3280	0.400	ng		0.00
7) Naphthalene-d8	10.616	136	10417	0.400	ng		0.00
13) Acenaphthene-d10	14.442	164	6600	0.400	ng		0.00
19) Phenanthrene-d10	17.184	188	14644	0.400	ng	#	0.00
29) Chrysene-d12	21.378	240	13644	0.400	ng		0.00
35) Perylene-d12	23.714	264	10630	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.413	112	3778	0.460	ng		0.00
5) Phenol-d6	6.995	99	4677	0.455	ng		0.00
8) Nitrobenzene-d5	8.971	82	3372	0.429	ng		0.00
11) 2-Methylnaphthalene-d10	12.204	152	7712	0.425	ng		0.00
14) 2,4,6-Tribromophenol	15.933	330	993	0.381	ng		0.00
15) 2-Fluorobiphenyl	13.073	172	11422	0.396	ng		0.00
27) Fluoranthene-d10	19.219	212	17988	0.432	ng		0.00
31) Terphenyl-d14	19.822	244	12822	0.399	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.319	88	1671m	0.429	ng		
3) n-Nitrosodimethylamine	3.644	42	1667	0.391	ng	#	94
6) bis(2-Chloroethyl)ether	7.255	93	4009	0.401	ng		98
9) Naphthalene	10.658	128	13031	0.412	ng		99
10) Hexachlorobutadiene	10.957	225	2346	0.408	ng	#	99
12) 2-Methylnaphthalene	12.276	142	9055	0.420	ng		99
16) Acenaphthylene	14.164	152	12982m	0.419	ng		
17) Acenaphthene	14.506	154	9169	0.400	ng		97
18) Fluorene	15.500	166	11838	0.409	ng		100
20) 4,6-Dinitro-2-methylph...	15.575	198	665	0.317	ng	#	83
21) 4-Bromophenyl-phenylether	16.384	248	3579	0.400	ng		91
22) Hexachlorobenzene	16.508	284	4014	0.405	ng		99
23) Atrazine	16.651	200	2481	0.425	ng		100
24) Pentachlorophenol	16.846	266	1101	0.288	ng		99
25) Phenanthrene	17.225	178	20440	0.403	ng		100
26) Anthracene	17.318	178	17597	0.410	ng		100
28) Fluoranthene	19.253	202	22999	0.423	ng		100
30) Pyrene	19.615	202	23626	0.408	ng		100
32) Benzo(a)anthracene	21.369	228	21013	0.423	ng		99
33) Chrysene	21.413	228	22256	0.399	ng		98
34) Bis(2-ethylhexyl)phtha...	21.306	149	9554	0.461	ng		100
36) Indeno(1,2,3-cd)pyrene	26.100	276	17901	0.360	ng		99
37) Benzo(b)fluoranthene	23.007	252	19106	0.412	ng		99
38) Benzo(k)fluoranthene	23.054	252	19642	0.399	ng		98
39) Benzo(a)pyrene	23.606	252	15296	0.419	ng		99
40) Dibenzo(a,h)anthracene	26.118	278	14474	0.361	ng		98
41) Benzo(g,h,i)perylene	26.831	276	14553	0.353	ng		100

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

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