Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN010723\
Data File : BN023588.D
Acq On : 07 Jan 2023 01:28
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/09/2023
Supervised By :Jagrut Upadhyay 01/09/2023

Quant Time: Jan 07 02:07:44 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 07 02:04:12 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.948	152	4201	0.400	ng		0.00
7) Naphthalene-d8	10.765	136	12744	0.400	ng		0.00
13) Acenaphthene-d10	14.591	164	7223	0.400	ng		-0.01
19) Phenanthrene-d10	17.340	188	16302	0.400	ng	#	0.00
29) Chrysene-d12	21.535	240	13416	0.400	ng		0.00
35) Perylene-d12	23.960	264	10917	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.493	112	4118	0.443	ng		0.00
5) Phenol-d6	7.110	99	5145	0.451	ng		0.00
8) Nitrobenzene-d5	9.110	82	4144	0.416	ng		0.00
11) 2-Methylnaphthalene-d10	12.352	152	8051	0.434	ng		0.00
14) 2,4,6-Tribromophenol	16.086	330	1263	0.357	ng		0.00
15) 2-Fluorobiphenyl	13.223	172	13184	0.461	ng		0.00
27) Fluoranthene-d10	19.376	212	17051	0.428	ng		0.00
31) Terphenyl-d14	19.974	244	16630	0.532	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.340	88	1836	0.454	ng		100
3) n-Nitrosodimethylamine	3.673	42	1988	0.408	ng		93
6) bis(2-Chloroethyl)ether	7.370	93	5448	0.492	ng		99
9) Naphthalene	10.808	128	15102	0.464	ng		100
10) Hexachlorobutadiene	11.096	225	3047	0.464	ng	#	98
12) 2-Methylnaphthalene	12.427	142	10782	0.460	ng		99
16) Acenaphthylene	14.313	152	11832	0.394	ng		100
17) Acenaphthene	14.655	154	9294	0.460	ng		99
18) Fluorene	15.650	166	12632	0.449	ng		100
20) 4,6-Dinitro-2-methylph...	15.726	198	692	0.478	ng		93
21) 4-Bromophenyl-phenylether	16.533	248	4001	0.418	ng	#	86
22) Hexachlorobenzene	16.645	284	4958	0.430	ng		98
23) Atrazine	16.806	200	2594	0.351	ng		97
24) Pentachlorophenol	16.992	266	1431	0.417	ng		98
25) Phenanthrene	17.390	178	20635	0.444	ng		100
26) Anthracene	17.476	178	15617	0.405	ng		100
28) Fluoranthene	19.410	202	22577	0.433	ng		99
30) Pyrene	19.772	202	22739	0.454	ng		100
32) Benzo(a)anthracene	21.518	228	18722	0.419	ng		99
33) Chrysene	21.571	228	21669	0.472	ng		99
34) Bis(2-ethylhexyl)phtha...	21.437	149	8220	0.299	ng		99
36) Indeno(1,2,3-cd)pyrene	26.483	276	19939	0.489	ng		99
37) Benzo(b)fluoranthene	23.217	252	19715	0.470	ng		99
38) Benzo(k)fluoranthene	23.267	252	19617m	0.476	ng		
39) Benzo(a)pyrene	23.851	252	14507	0.453	ng		98
40) Dibenzo(a,h)anthracene	26.500	278	15856	0.510	ng		97
41) Benzo(g,h,i)perylene	27.260	276	16576	0.462	ng		99

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

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