Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031723\
Data File : BN024367.D
Acq On : 18 Mar 2023 05:15
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 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023

Quant Time: Mar 18 05:49:58 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 18 05:49:08 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.040	152	9583	0.400	ng		0.00
7) Naphthalene-d8	10.855	136	28890	0.400	ng		0.00
13) Acenaphthene-d10	14.664	164	13728	0.400	ng		0.00
19) Phenanthrene-d10	17.413	188	27180	0.400	ng	#	0.00
29) Chrysene-d12	21.601	240	17303	0.400	ng	#	0.00
35) Perylene-d12	24.097	264	12195	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.577	112	8244	0.389	ng		0.00
5) Phenol-d6	7.188	99	10735	0.394	ng		0.00
8) Nitrobenzene-d5	9.200	82	8697	0.451	ng		0.00
11) 2-Methylnaphthalene-d10	12.433	152	13524	0.381	ng		0.00
14) 2,4,6-Tribromophenol	16.159	330	1997	0.285	ng		0.00
15) 2-Fluorobiphenyl	13.296	172	21720	0.419	ng		0.00
27) Fluoranthene-d10	19.442	212	20670	0.359	ng		0.00
31) Terphenyl-d14	20.033	244	11340	0.389	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.432	88	4355	0.418	ng		94
3) n-Nitrosodimethylamine	3.764	42	7218	0.472	ng		92
6) bis(2-Chloroethyl)ether	7.455	93	11813	0.437	ng		95
9) Naphthalene	10.898	128	30107	0.410	ng		99
10) Hexachlorobutadiene	11.197	225	5442	0.391	ng	#	99
12) 2-Methylnaphthalene	12.508	142	18895	0.381	ng		99
16) Acenaphthylene	14.387	152	24412	0.375	ng		100
17) Acenaphthene	14.729	154	16209	0.391	ng		96
18) Fluorene	15.712	166	17949	0.362	ng		99
20) 4,6-Dinitro-2-methylph...	15.787	198	1069	0.389	ng		89
21) 4-Bromophenyl-phenylether	16.606	248	5620	0.348	ng	#	95
22) Hexachlorobenzene	16.718	284	7687	0.388	ng		96
23) Atrazine	16.867	200	3282	0.320	ng	#	95
24) Pentachlorophenol	17.065	266	2398	0.327	ng		99
25) Phenanthrene	17.450	178	31891	0.396	ng		100
26) Anthracene	17.549	178	26891	0.362	ng		100
28) Fluoranthene	19.471	202	32036	0.363	ng		99
30) Pyrene	19.834	202	32733	0.467	ng		100
32) Benzo(a)anthracene	21.592	228	21913	0.379	ng		100
33) Chrysene	21.645	228	25332	0.411	ng		99
34) Bis(2-ethylhexyl)phtha...	21.502	149	10732	0.395	ng		97
36) Indeno(1,2,3-cd)pyrene	26.693	276	16641	0.364	ng		97
37) Benzo(b)fluoranthene	23.334	252	20109m	0.424	ng		
38) Benzo(k)fluoranthene	23.383	252	19536	0.399	ng	#	95
39) Benzo(a)pyrene	23.986	252	17525	0.403	ng	#	92
40) Dibenzo(a,h)anthracene	26.713	278	12285	0.347	ng		96
41) Benzo(g,h,i)perylene	27.500	276	15741	0.381	ng		96

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

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