Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071422\
Data File : BN020732.D
Acq On : 14 Jul 2022 12:22
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 07/15/2022
Supervised By :Jagrut Upadhyay 07/15/2022

Quant Time: Jul 15 02:50:09 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 02 03:10:12 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.818	152	2935	0.400	ng		0.00
7) Naphthalene-d8	10.615	136	9224	0.400	ng		#-0.01
13) Acenaphthene-d10	14.463	164	6128	0.400	ng		-0.01
19) Phenanthrene-d10	17.215	188	13652	0.400	ng		#-0.01
29) Chrysene-d12	21.431	240	12563	0.400	ng		# 0.00
35) Perylene-d12	23.779	264	9538	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.399	112	3034	0.372	ng		-0.01
5) Phenol-d6	7.009	99	3776	0.388	ng		-0.02
8) Nitrobenzene-d5	8.982	82	2551	0.341	ng		-0.01
11) 2-Methylnaphthalene-d10	12.215	152	6430	0.407	ng		-0.01
14) 2,4,6-Tribromophenol	15.974	330	816	0.353	ng		0.00
15) 2-Fluorobiphenyl	13.095	172	9394	0.371	ng		-0.01
27) Fluoranthene-d10	19.261	212	15453	0.381	ng		0.00
31) Terphenyl-d14	19.864	244	11140	0.371	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.254	88	1346	0.350	ng		96
3) n-Nitrosodimethylamine	3.593	42	1545	0.441	ng	#	98
6) bis(2-Chloroethyl)ether	7.240	93	3530	0.421	ng		99
9) Naphthalene	10.669	128	10967	0.398	ng		99
10) Hexachlorobutadiene	10.957	225	1923	0.383	ng	#	99
12) 2-Methylnaphthalene	12.291	142	7476	0.408	ng		98
16) Acenaphthylene	14.185	152	10487	0.356	ng		99
17) Acenaphthene	14.527	154	7459	0.372	ng		95
18) Fluorene	15.521	166	9919	0.379	ng		100
20) 4,6-Dinitro-2-methylph...	15.628	198	591	0.446	ng	#	66
21) 4-Bromophenyl-phenylether	16.415	248	2969	0.374	ng	#	86
22) Hexachlorobenzene	16.538	284	3219	0.366	ng		96
23) Atrazine	16.682	200	2124	0.339	ng		95
24) Pentachlorophenol	16.887	266	1055	0.558	ng		99
25) Phenanthrene	17.256	178	16834	0.366	ng		100
26) Anthracene	17.359	178	13947	0.351	ng		100
28) Fluoranthene	19.291	202	19535	0.389	ng		99
30) Pyrene	19.653	202	19935	0.375	ng		100
32) Benzo(a)anthracene	21.413	228	16042	0.357	ng		98
33) Chrysene	21.467	228	19158	0.386	ng		99
34) Bis(2-ethylhexyl)phtha...	21.351	149	9381	0.371	ng		99
36) Indeno(1,2,3-cd)pyrene	26.214	276	12738	0.300	ng		100
37) Benzo(b)fluoranthene	23.065	252	16030	0.436	ng		98
38) Benzo(k)fluoranthene	23.112	252	17381m	0.444	ng		
39) Benzo(a)pyrene	23.676	252	11643	0.365	ng		96
40) Dibenzo(a,h)anthracene	26.226	278	9956	0.292	ng		97
41) Benzo(g,h,i)perylene	26.951	276	11496	0.309	ng		100

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

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