Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032222\
Data File : BN019071.D
Acq On : 23 Mar 2022 00:57
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 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022

Quant Time: Mar 23 04:51:55 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 17 13:18:23 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.854	152	4181	0.400	ng		0.00
7) Naphthalene-d8	10.658	136	10844	0.400	ng		# 0.00
13) Acenaphthene-d10	14.485	164	6280	0.400	ng		-0.01
19) Phenanthrene-d10	17.226	188	12905	0.400	ng		-0.01
29) Chrysene-d12	21.413	240	10305	0.400	ng		# 0.00
35) Perylene-d12	23.785	264	8969	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.406	112	3642	0.389	ng		0.00
5) Phenol-d6	7.009	99	3558	0.362	ng		0.00
8) Nitrobenzene-d5	9.003	82	2705	0.346	ng		-0.01
11) 2-Methylnaphthalene-d10	12.250	152	6423	0.357	ng		0.00
14) 2,4,6-Tribromophenol	15.974	330	917	0.303	ng		-0.01
15) 2-Fluorobiphenyl	13.116	172	9977	0.396	ng		-0.01
27) Fluoranthene-d10	19.261	212	14847	0.388	ng		0.00
31) Terphenyl-d14	19.860	244	8406	0.332	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.247	88	2163	0.419	ng		98
3) n-Nitrosodimethylamine	3.572	42	2112	0.350	ng	#	98
6) bis(2-Chloroethyl)ether	7.269	93	4433	0.379	ng		98
9) Naphthalene	10.701	128	12010	0.389	ng		99
10) Hexachlorobutadiene	11.000	225	2918	0.387	ng	#	98
12) 2-Methylnaphthalene	12.322	142	7635	0.364	ng		99
16) Acenaphthylene	14.207	152	10534	0.362	ng		100
17) Acenaphthene	14.549	154	7716	0.377	ng		99
18) Fluorene	15.532	166	9631	0.374	ng		99
20) 4,6-Dinitro-2-methylph...	15.628	198	532	0.328	ng	#	69
21) 4-Bromophenyl-phenylether	16.426	248	3097	0.381	ng		96
22) Hexachlorobenzene	16.549	284	4266	0.407	ng		99
23) Atrazine	16.682	200	1951	0.321	ng		97
24) Pentachlorophenol	16.887	266	752	0.234	ng		98
25) Phenanthrene	17.267	178	15397	0.382	ng		100
26) Anthracene	17.359	178	11772	0.345	ng		99
28) Fluoranthene	19.291	202	18567	0.392	ng		100
30) Pyrene	19.653	202	19059	0.371	ng		100
32) Benzo(a)anthracene	21.404	228	12257	0.386	ng		99
33) Chrysene	21.449	228	16382	0.382	ng		99
34) Bis(2-ethylhexyl)phtha...	21.324	149	7754	0.368	ng		99
36) Indeno(1,2,3-cd)pyrene	26.235	276	12972m	0.401	ng		
37) Benzo(b)fluoranthene	23.062	252	12129m	0.371	ng		
38) Benzo(k)fluoranthene	23.109	252	17546m	0.391	ng		
39) Benzo(a)pyrene	23.682	252	11790	0.396	ng	#	83
40) Dibenzo(a,h)anthracene	26.258	278	9679	0.384	ng		91
41) Benzo(g,h,i)perylene	26.977	276	13745	0.433	ng		97

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

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