Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050322\
Data File : BN019642.D
Acq On : 03 May 2022 09:54
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 05/04/2022
Supervised By :Jagrut Upadhyay 05/05/2022

Quant Time: May 04 07:32:40 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN042822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 28 02:56:24 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	4798	0.400	ng	-0.01
7) Naphthalene-d8	10.658	136	13530	0.400	ng	-0.01
13) Acenaphthene-d10	14.485	164	6906	0.400	ng	-0.01
19) Phenanthrene-d10	17.226	188	13461	0.400	ng	-0.01
29) Chrysene-d12	21.413	240	11562	0.400	ng	# 0.00
35) Perylene-d12	23.764	264	10108	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.449	112	4744	0.400	ng	-0.01
5) Phenol-d6	7.031	99	5694	0.402	ng	0.00
8) Nitrobenzene-d5	9.014	82	4176	0.434	ng	-0.01
11) 2-Methylnaphthalene-d10	12.246	152	8437	0.402	ng	-0.01
14) 2,4,6-Tribromophenol	15.974	330	857	0.388	ng	-0.01
15) 2-Fluorobiphenyl	13.116	172	12039	0.407	ng	-0.01
27) Fluoranthene-d10	19.257	212	14804	0.386	ng	0.00
31) Terphenyl-d14	19.856	244	9882	0.389	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.377	88	2226	0.397	ng	97
3) n-Nitrosodimethylamine	3.687	42	2031m	0.464	ng	
6) bis(2-Chloroethyl)ether	7.291	93	5318	0.440	ng	99
9) Naphthalene	10.712	128	15654	0.405	ng	99
10) Hexachlorobutadiene	11.011	225	2957	0.404	ng	# 100
12) 2-Methylnaphthalene	12.318	142	9856	0.405	ng	99
16) Acenaphthylene	14.207	152	12839m	0.412	ng	
17) Acenaphthene	14.549	154	8934	0.401	ng	99
18) Fluorene	15.532	166	10760	0.395	ng	100
20) 4,6-Dinitro-2-methylph...	15.607	198	385	0.308	ng	91
21) 4-Bromophenyl-phenylether	16.426	248	3339	0.405	ng	# 71
22) Hexachlorobenzene	16.538	284	3966	0.412	ng	98
23) Atrazine	16.682	200	1818	0.372	ng	97
24) Pentachlorophenol	16.877	266	1442	0.444	ng	96
25) Phenanthrene	17.267	178	17736	0.394	ng	99
26) Anthracene	17.359	178	14614	0.392	ng	98
28) Fluoranthene	19.287	202	18501	0.380	ng	99
30) Pyrene	19.649	202	19107	0.403	ng	100
32) Benzo(a)anthracene	21.396	228	16046	0.385	ng	98
33) Chrysene	21.449	228	17963	0.394	ng	100
34) Bis(2-ethylhexyl)phtha...	21.342	149	6903	0.362	ng	# 99
36) Indeno(1,2,3-cd)pyrene	26.179	276	18222	0.375	ng	100
37) Benzo(b)fluoranthene	23.051	252	16374	0.397	ng	95
38) Benzo(k)fluoranthene	23.098	252	17000	0.409	ng	# 92
39) Benzo(a)pyrene	23.659	252	12501	0.389	ng	# 92
40) Dibenzo(a,h)anthracene	26.197	278	14767	0.374	ng	98
41) Benzo(g,h,i)perylene	26.910	276	15442	0.369	ng	99

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

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