Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042222\
Data File : BN019520.D
Acq On : 22 Apr 2022 13:45
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 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022

Quant Time: Apr 23 05:30:48 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN042122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 20 17:50:10 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.805	152	5467	0.400	ng		0.00
7) Naphthalene-d8	10.613	136	15112	0.400	ng	#	0.00
13) Acenaphthene-d10	14.450	164	9397	0.400	ng		0.00
19) Phenanthrene-d10	17.192	188	20493	0.400	ng		0.00
29) Chrysene-d12	21.386	240	15162	0.400	ng	#	0.00
35) Perylene-d12	23.731	264	12714	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.364	112	4566	0.390	ng		0.00
5) Phenol-d6	6.974	99	4641	0.348	ng		0.00
8) Nitrobenzene-d5	8.969	82	3917	0.358	ng		-0.01
11) 2-Methylnaphthalene-d10	12.209	152	9805	0.400	ng		0.00
14) 2,4,6-Tribromophenol	15.941	330	1371m	0.326	ng		0.00
15) 2-Fluorobiphenyl	13.082	172	15062	0.402	ng		0.00
27) Fluoranthene-d10	19.223	212	23506	0.392	ng		0.00
31) Terphenyl-d14	19.825	244	13757	0.402	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.204	88	2947	0.410	ng		93
3) n-Nitrosodimethylamine	3.537	42	2621	0.393	ng		99
6) bis(2-Chloroethyl)ether	7.227	93	5829	0.415	ng		93
9) Naphthalene	10.656	128	17727	0.404	ng		100
10) Hexachlorobutadiene	10.955	225	3918	0.406	ng	#	99
12) 2-Methylnaphthalene	12.281	142	11409	0.399	ng		98
16) Acenaphthylene	14.172	152	15904	0.372	ng		100
17) Acenaphthene	14.503	154	11884	0.398	ng		98
18) Fluorene	15.498	166	15408	0.393	ng		99
20) 4,6-Dinitro-2-methylph...	15.605	198	719	0.338	ng	#	69
21) 4-Bromophenyl-phenylether	16.382	248	4850	0.386	ng	#	81
22) Hexachlorobenzene	16.505	284	6259	0.400	ng		98
23) Atrazine	16.649	200	2961	0.333	ng		97
24) Pentachlorophenol	16.864	266	1059m	0.345	ng		
25) Phenanthrene	17.233	178	25327	0.392	ng		100
26) Anthracene	17.326	178	19232	0.368	ng		100
28) Fluoranthene	19.256	202	28885	0.390	ng		100
30) Pyrene	19.619	202	29012	0.404	ng		100
32) Benzo(a)anthracene	21.368	228	16956	0.360	ng		99
33) Chrysene	21.422	228	24224	0.406	ng		99
34) Bis(2-ethylhexyl)phtha...	21.296	149	9567	0.345	ng		99
36) Indeno(1,2,3-cd)pyrene	26.149	276	18512	0.377	ng		95
37) Benzo(b)fluoranthene	23.015	252	17544	0.359	ng		99
38) Benzo(k)fluoranthene	23.062	252	19528m	0.374	ng		
39) Benzo(a)pyrene	23.626	252	16878	0.392	ng		97
40) Dibenzo(a,h)anthracene	26.173	278	13881	0.379	ng		97
41) Benzo(g,h,i)perylene	26.883	276	19359	0.384	ng		100

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

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