Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051922\
Data File : BN019861.D
Acq On : 19 May 2022 18:40
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/20/2022
Supervised By :Jagrut Upadhyay 05/20/2022

Quant Time: May 20 06:35:23 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 18 07:42:52 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.854	152	3254	0.400	ng		0.00
7) Naphthalene-d8	10.637	136	11016	0.400	ng	#	0.00
13) Acenaphthene-d10	14.474	164	7294	0.400	ng		0.01
19) Phenanthrene-d10	17.205	188	15902	0.400	ng	#	0.00
29) Chrysene-d12	21.395	240	14101	0.400	ng		0.00
35) Perylene-d12	23.741	264	12200	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.435	112	3643	0.448	ng		0.00
5) Phenol-d6	7.016	99	4684	0.459	ng		0.00
8) Nitrobenzene-d5	8.993	82	3398	0.408	ng		0.00
11) 2-Methylnaphthalene-d10	12.227	152	7457	0.389	ng		0.00
14) 2,4,6-Tribromophenol	15.954	330	1124	0.390	ng		0.00
15) 2-Fluorobiphenyl	13.095	172	11365	0.357	ng		0.00
27) Fluoranthene-d10	19.244	212	17531	0.388	ng		0.00
31) Terphenyl-d14	19.843	244	12276	0.369	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.355	88	1431m	0.371	ng		
3) n-Nitrosodimethylamine	3.673	42	1587	0.375	ng	#	99
6) bis(2-Chloroethyl)ether	7.276	93	3791	0.382	ng		99
9) Naphthalene	10.690	128	12405	0.371	ng		99
10) Hexachlorobutadiene	10.989	225	2297	0.378	ng	#	99
12) 2-Methylnaphthalene	12.302	142	8809	0.387	ng		99
16) Acenaphthylene	14.185	152	13406m	0.392	ng		
17) Acenaphthene	14.527	154	9059	0.358	ng		97
18) Fluorene	15.521	166	11729	0.367	ng		99
20) 4,6-Dinitro-2-methylph...	15.596	198	485	0.213	ng	#	81
21) 4-Bromophenyl-phenylether	16.405	248	3612	0.372	ng		92
22) Hexachlorobenzene	16.528	284	4154	0.386	ng		99
23) Atrazine	16.672	200	2653	0.419	ng		98
24) Pentachlorophenol	16.866	266	972	0.234	ng		98
25) Phenanthrene	17.246	178	19942	0.362	ng		100
26) Anthracene	17.338	178	17524	0.376	ng		100
28) Fluoranthene	19.274	202	22344	0.379	ng		100
30) Pyrene	19.636	202	22911	0.383	ng		100
32) Benzo(a)anthracene	21.386	228	20530	0.400	ng		99
33) Chrysene	21.431	228	21247	0.369	ng		98
34) Bis(2-ethylhexyl)phtha...	21.324	149	11197	0.523	ng		100
36) Indeno(1,2,3-cd)pyrene	26.147	276	18731	0.328	ng		99
37) Benzo(b)fluoranthene	23.033	252	18706	0.351	ng		99
38) Benzo(k)fluoranthene	23.080	252	20038m	0.354	ng		
39) Benzo(a)pyrene	23.638	252	15725	0.375	ng		99
40) Dibenzo(a,h)anthracene	26.164	278	15037	0.326	ng		99
41) Benzo(g,h,i)perylene	26.884	276	15169	0.320	ng		99

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

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