Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082422\
Data File : BN021355.D
Acq On : 25 Aug 2022 02:48
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/25/2022

Quant Time: Aug 25 07:16:58 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 25 06:55:06 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.083	152	2815	0.400	ng		0.00
7) Naphthalene-d8	10.920	136	8787	0.400	ng		0.00
13) Acenaphthene-d10	14.739	164	4873	0.400	ng		0.00
19) Phenanthrene-d10	17.490	188	10405	0.400	ng		0.00
29) Chrysene-d12	21.673	240	9019	0.400	ng	#	0.00
35) Perylene-d12	24.200	264	8055	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.606	112	2575	0.338	ng		0.00
5) Phenol-d6	7.231	99	3216	0.337	ng		0.00
8) Nitrobenzene-d5	9.254	82	2284	0.343	ng		0.00
11) 2-Methylnaphthalene-d10	12.501	152	6604	0.445	ng		0.00
14) 2,4,6-Tribromophenol	16.229	330	662	0.297	ng		0.00
15) 2-Fluorobiphenyl	13.371	172	8624	0.396	ng		0.00
27) Fluoranthene-d10	19.514	212	10800	0.347	ng		0.00
31) Terphenyl-d14	20.106	244	7394	0.388	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.411	88	1572m	0.403	ng		
3) n-Nitrosodimethylamine	3.750	42	1462	0.391	ng		93
6) bis(2-Chloroethyl)ether	7.498	93	3831	0.401	ng		99
9) Naphthalene	10.962	128	10340	0.358	ng		100
10) Hexachlorobutadiene	11.251	225	1851	0.388	ng	#	99
12) 2-Methylnaphthalene	12.199	142	1387	0.282	ng		97
16) Acenaphthylene	14.461	152	8706	0.356	ng		100
17) Acenaphthene	14.803	154	6396	0.377	ng		99
18) Fluorene	15.787	166	7791	0.367	ng		100
20) 4,6-Dinitro-2-methylph...	15.669	198	1	0.073	ng		94
21) 4-Bromophenyl-phenylether	16.670	248	2612	0.367	ng	#	79
22) Hexachlorobenzene	16.783	284	3180	0.385	ng		99
23) Atrazine	16.936	200	1357	0.301	ng		97
24) Pentachlorophenol	17.131	266	784	0.275	ng		99
25) Phenanthrene	17.531	178	13894	0.365	ng		100
26) Anthracene	17.624	178	10701	0.342	ng		99
28) Fluoranthene	19.544	202	14559	0.348	ng		100
30) Pyrene	19.906	202	17297	0.381	ng		99
32) Benzo(a)anthracene	21.655	228	11849	0.347	ng		100
33) Chrysene	21.709	228	14712	0.395	ng		99
34) Bis(2-ethylhexyl)phtha...	21.575	149	4774	0.290	ng		99
36) Indeno(1,2,3-cd)pyrene	26.866	276	15264	0.373	ng		100
37) Benzo(b)fluoranthene	23.422	252	13604	0.383	ng		99
38) Benzo(k)fluoranthene	23.472	252	13744	0.374	ng		100
39) Benzo(a)pyrene	24.089	252	10305	0.357	ng		99
40) Dibenzo(a,h)anthracene	26.892	278	12712	0.377	ng		98
41) Benzo(g,h,i)perylene	27.688	276	13349	0.376	ng		99

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

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