Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112922\
Data File : BN022942.D
Acq On : 29 Nov 2022 07:38
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/29/2022
Supervised By :mohammad ahmed 12/01/2022

Quant Time: Nov 29 08:08:38 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 29 05:14:21 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.064	152	8402	0.400	ng		0.00
7) Naphthalene-d8	10.882	136	23201	0.400	ng		0.00
13) Acenaphthene-d10	14.698	164	12037	0.400	ng		0.00
19) Phenanthrene-d10	17.439	188	23948	0.400	ng		-0.01
29) Chrysene-d12	21.629	240	14309	0.400	ng	#	0.00
35) Perylene-d12	24.119	264	10797	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.601	112	7884	0.361	ng		0.00
5) Phenol-d6	7.204	99	10428	0.375	ng		0.00
8) Nitrobenzene-d5	9.228	82	7232	0.401	ng		0.00
11) 2-Methylnaphthalene-d10	12.465	152	18000	0.358	ng		0.00
14) 2,4,6-Tribromophenol	16.186	330	1839	0.316	ng		0.00
15) 2-Fluorobiphenyl	13.330	172	24429	0.444	ng		0.00
27) Fluoranthene-d10	19.473	212	23477	0.361	ng		0.00
31) Terphenyl-d14	20.071	244	14784	0.440	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.442	88	4256	0.399	ng		98
3) n-Nitrosodimethylamine	3.774	42	4186	0.364	ng		97
6) bis(2-Chloroethyl)ether	7.479	93	11039	0.423	ng		100
9) Naphthalene	10.936	128	29224	0.409	ng		99
10) Hexachlorobutadiene	11.224	225	6255	0.426	ng	#	100
12) 2-Methylnaphthalene	12.155	142	4629	0.317	ng		100
16) Acenaphthylene	14.420	152	23371m	0.367	ng		
17) Acenaphthene	14.762	154	17338	0.413	ng		99
18) Fluorene	15.739	166	21280	0.396	ng		98
20) 4,6-Dinitro-2-methylph...	15.813	198	867	0.324	ng	#	76
21) 4-Bromophenyl-phenylether	16.632	248	7017	0.406	ng		97
22) Hexachlorobenzene	16.756	284	9345	0.443	ng		100
23) Atrazine	16.893	200	4013	0.329	ng		98
24) Pentachlorophenol	17.092	266	1697	0.294	ng		98
25) Phenanthrene	17.489	178	34282	0.412	ng		100
26) Anthracene	17.576	178	26894	0.372	ng		100
28) Fluoranthene	19.502	202	32967	0.372	ng		99
30) Pyrene	19.865	202	32323	0.434	ng		100
32) Benzo(a)anthracene	21.611	228	22320	0.386	ng		99
33) Chrysene	21.665	228	26230	0.437	ng		99
34) Bis(2-ethylhexyl)phtha...	21.540	149	8610	0.371	ng		100
36) Indeno(1,2,3-cd)pyrene	26.727	276	22341	0.499	ng		98
37) Benzo(b)fluoranthene	23.359	252	21030m	0.436	ng		
38) Benzo(k)fluoranthene	23.405	252	23022	0.441	ng		98
39) Benzo(a)pyrene	24.008	252	14682	0.399	ng	#	94
40) Dibenzo(a,h)anthracene	26.747	278	18744	0.527	ng		96
41) Benzo(g,h,i)perylene	27.522	276	18681	0.487	ng		98

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

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