Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040822\
Data File : BN019389.D
Acq On : 08 Apr 2022 13:42
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 04/11/2022
Supervised By :mohammad ahmed 04/11/2022

Quant Time: Apr 11 04:10:45 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN040422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 04 17:40:00 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.825	152	3424	0.400	ng	0.00
7) Naphthalene-d8	10.626	136	9887	0.400	ng	# 0.00
13) Acenaphthene-d10	14.463	164	6225	0.400	ng	0.00
19) Phenanthrene-d10	17.205	188	13920	0.400	ng	0.00
29) Chrysene-d12	21.395	240	14455	0.400	ng	# 0.00
35) Perylene-d12	23.741	264	13291	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.377	112	3968	0.433	ng	0.00
5) Phenol-d6	6.988	99	4530	0.410	ng	0.00
8) Nitrobenzene-d5	8.982	82	3429	0.382	ng	0.00
11) 2-Methylnaphthalene-d10	12.219	152	6639	0.382	ng	0.00
14) 2,4,6-Tribromophenol	15.954	330	1491	0.394	ng	0.00
15) 2-Fluorobiphenyl	13.095	172	9896	0.382	ng	0.00
27) Fluoranthene-d10	19.236	212	19373	0.432	ng	0.00
31) Terphenyl-d14	19.834	244	11692	0.372	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.218	88	1651	0.403	ng	# 87
3) n-Nitrosodimethylamine	3.543	42	2400	0.443	ng	# 94
6) bis(2-Chloroethyl)ether	7.240	93	4445	0.400	ng	98
9) Naphthalene	10.680	128	11355	0.389	ng	99
10) Hexachlorobutadiene	10.968	225	2474	0.389	ng	# 100
12) 2-Methylnaphthalene	12.295	142	7629	0.377	ng	99
16) Acenaphthylene	14.185	152	11688	0.378	ng	99
17) Acenaphthene	14.527	154	8021	0.390	ng	100
18) Fluorene	15.511	166	10643	0.392	ng	100
20) 4,6-Dinitro-2-methylph...	15.596	198	587	0.230	ng	# 50
21) 4-Bromophenyl-phenylether	16.395	248	3514	0.375	ng	# 86
22) Hexachlorobenzene	16.528	284	4217	0.384	ng	99
23) Atrazine	16.661	200	3146	0.407	ng	98
24) Pentachlorophenol	16.866	266	1841	0.431	ng	99
25) Phenanthrene	17.246	178	17900	0.383	ng	100
26) Anthracene	17.338	178	16050	0.391	ng	100
28) Fluoranthene	19.265	202	23203	0.419	ng	99
30) Pyrene	19.628	202	24787	0.369	ng	100
32) Benzo(a)anthracene	21.377	228	21416	0.401	ng	99
33) Chrysene	21.431	228	23227	0.391	ng	99
34) Bis(2-ethylhexyl)phtha...	21.306	149	20948	0.527	ng	99
36) Indeno(1,2,3-cd)pyrene	26.176	276	19043	0.342	ng	# 93
37) Benzo(b)fluoranthene	23.027	252	18500	0.355	ng	96
38) Benzo(k)fluoranthene	23.077	252	19840m	0.365	ng	
39) Benzo(a)pyrene	23.638	252	16969	0.363	ng	94
40) Dibenzo(a,h)anthracene	26.191	278	14930	0.347	ng	95
41) Benzo(g,h,i)perylene	26.916	276	18268	0.354	ng	100

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

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