Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090921\
Data File : BN016268.D
Acq On : 09 Sep 2021 21:14
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED
mohammad
9/10/2021 3:23:44 PM

Quant Time: Sep 10 02:09:32 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN090921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 09 15:19:08 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.863	152	12209	0.400	ng		0.00
7) Naphthalene-d8	10.660	136	61640	0.400	ng		0.00
13) Acenaphthene-d10	14.484	164	34585	0.400	ng		-0.01
19) Phenanthrene-d10	17.236	188	68733	0.400	ng		0.00
29) Chrysene-d12	21.429	240	67683	0.400	ng		0.00
35) Perylene-d12	23.813	264	43005	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.448	112	12279	0.394	ng		0.00
5) Phenol-d6	7.033	99	15326	0.393	ng		0.00
8) Nitrobenzene-d5	9.012	82	18472	0.373	ng		0.00
11) 2-Methylnaphthalene-d10	12.247	152	36651	0.381	ng		0.00
14) 2,4,6-Tribromophenol	15.981	330	5388	0.380	ng		0.00
15) 2-Fluorobiphenyl	13.114	172	51876	0.383	ng		0.00
27) Fluoranthene-d10	19.271	212	78551	0.389	ng		0.00
31) Terphenyl-d14	19.867	244	68624	0.404	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.373	88	1703	0.393	ng		87
3) n-Nitrosodimethylamine	3.742	42	3402	0.379	ng	#	99
6) bis(2-Chloroethyl)ether	7.292	93	12785	0.398	ng		100
9) Naphthalene	10.710	128	63448	0.385	ng		100
10) Hexachlorobutadiene	10.989	225	13011	0.387	ng	#	99
12) 2-Methylnaphthalene	12.318	142	43224	0.390	ng		100
16) Acenaphthylene	14.205	152	59880	0.387	ng		100
17) Acenaphthene	14.548	154	38635	0.385	ng		99
18) Fluorene	15.537	166	47731	0.384	ng		100
20) 4,6-Dinitro-2-methylph...	15.626	198	442	0.361	ng		98
21) 4-Bromophenyl-phenylether	16.433	248	14150	0.385	ng		96
22) Hexachlorobenzene	16.543	284	17369	0.394	ng		100
23) Atrazine	16.701	200	12515	0.370	ng		100
24) Pentachlorophenol	16.895	266	2906	0.532	ng		98
25) Phenanthrene	17.273	178	78202	0.392	ng		100
26) Anthracene	17.370	178	70363	0.383	ng		100
28) Fluoranthene	19.301	202	93735	0.400	ng		100
30) Pyrene	19.663	202	94292	0.411	ng		100
32) Benzo(a)anthracene	21.408	228	86675	0.411	ng		99
33) Chrysene	21.461	228	85724	0.410	ng		100
34) Bis(2-ethylhexyl)phtha...	21.333	149	53141	0.409	ng		100
36) Indeno(1,2,3-cd)pyrene	26.281	276	27800	0.388	ng		99
37) Benzo(b)fluoranthene	23.087	252	69422m	0.418	ng		
38) Benzo(k)fluoranthene	23.135	252	61762	0.417	ng		100
39) Benzo(a)pyrene	23.707	252	51618	0.418	ng	#	94
40) Dibenzo(a,h)anthracene	26.305	278	22503	0.411	ng		98
41) Benzo(g,h,i)perylene	27.044	276	21925	0.369	ng		99

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

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