Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121121\
Data File : BN017892.D
Acq On : 11 Dec 2021 04:30
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 12/13/2021
Supervised By :Jagrut Upadhyay 12/13/2021

Quant Time: Dec 11 05:46:44 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 11 00:01:30 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.715	152	26617	0.400	ng		0.00
7) Naphthalene-d8	10.494	136	107740	0.400	ng		0.00
13) Acenaphthene-d10	14.334	164	67368	0.400	ng		0.00
19) Phenanthrene-d10	17.092	188	134200	0.400	ng		0.00
29) Chrysene-d12	21.293	240	106102	0.400	ng		0.00
35) Perylene-d12	23.585	264	75236	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.326	112	21845	0.398	ng		0.00
5) Phenol-d6	6.894	99	21558	0.396	ng		0.00
8) Nitrobenzene-d5	8.859	82	24221	0.344	ng		0.00
11) 2-Methylnaphthalene-d10	12.089	152	75863	0.400	ng		0.00
14) 2,4,6-Tribromophenol	15.844	330	5147	0.473	ng		0.00
15) 2-Fluorobiphenyl	12.964	172	94294	0.398	ng		0.00
27) Fluoranthene-d10	19.129	212	169140	0.389	ng		0.00
31) Terphenyl-d14	19.740	244	103327	0.395	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.270	88	3165	0.392	ng		99
3) n-Nitrosodimethylamine	3.602	42	9900	0.405	ng		99
6) bis(2-Chloroethyl)ether	7.143	93	26973	0.404	ng		99
9) Naphthalene	10.545	128	106591	0.398	ng		100
10) Hexachlorobutadiene	10.836	225	29414	0.385	ng	#	100
12) 2-Methylnaphthalene	12.161	142	72115	0.405	ng		99
16) Acenaphthylene	14.055	152	97015	0.386	ng		100
17) Acenaphthene	14.398	154	70131	0.401	ng		100
18) Fluorene	15.387	166	85576	0.402	ng		100
21) 4-Bromophenyl-phenylether	16.289	248	29011	0.377	ng		98
22) Hexachlorobenzene	16.399	284	39441	0.393	ng		99
23) Atrazine	16.569	200	18405	0.370	ng		99
24) Pentachlorophenol	16.776	266	764	0.360	ng		99
25) Phenanthrene	17.129	178	135852	0.396	ng		100
26) Anthracene	17.226	178	109548	0.383	ng		99
28) Fluoranthene	19.159	202	169602	0.402	ng		100
30) Pyrene	19.521	202	169446	0.407	ng		100
32) Benzo(a)anthracene	21.272	228	108003	0.367	ng		99
33) Chrysene	21.325	228	135519	0.389	ng		100
34) Bis(2-ethylhexyl)phtha...	21.208	149	37400	0.328	ng		100
36) Indeno(1,2,3-cd)pyrene	25.957	276	42226	0.355	ng		99
37) Benzo(b)fluoranthene	22.894	252	90498	0.364	ng		99
38) Benzo(k)fluoranthene	22.939	252	84420	0.349	ng		100
39) Benzo(a)pyrene	23.493	252	81547	0.369	ng	#	96
40) Dibenzo(a,h)anthracene	25.988	278	29898m	0.378	ng		
41) Benzo(g,h,i)perylene	26.676	276	43193	0.361	ng		99

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

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