Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121421\
Data File : BN017980.D
Acq On : 13 Dec 2021 21:48
Operator : CG/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 14 00:20:10 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 14 00:18:01 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/15/2021
Supervised By :Jagrut Upadhyay 12/15/2021

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.689	152	29765	0.400	ng		0.00
7) Naphthalene-d8	10.470	136	117935	0.400	ng		0.00
13) Acenaphthene-d10	14.320	164	70683	0.400	ng		0.00
19) Phenanthrene-d10	17.066	188	144075	0.400	ng		0.00
29) Chrysene-d12	21.270	240	147662	0.400	ng	#	0.00
35) Perylene-d12	23.546	264	148955	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.291	112	55988	0.912	ng		0.00
5) Phenol-d6	6.868	99	57012	0.936	ng		0.00
8) Nitrobenzene-d5	8.835	82	74628	0.969	ng		0.00
11) 2-Methylnaphthalene-d10	12.065	152	176876	0.853	ng		0.00
14) 2,4,6-Tribromophenol	15.817	330	26369	1.157	ng		0.00
15) 2-Fluorobiphenyl	12.949	172	226351	0.910	ng		0.00
27) Fluoranthene-d10	19.103	212	431105	0.923	ng		0.00
31) Terphenyl-d14	19.713	244	269727	0.741	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.235	88	16306m	1.805	ng		
3) n-Nitrosodimethylamine	3.558	42	24888	0.911	ng		100
6) bis(2-Chloroethyl)ether	7.117	93	69344	0.928	ng		100
9) Naphthalene	10.521	128	259032	0.883	ng		100
10) Hexachlorobutadiene	10.812	225	71916	0.861	ng	#	100
12) 2-Methylnaphthalene	12.136	142	168185	0.862	ng		99
16) Acenaphthylene	14.040	152	263731	0.999	ng		100
17) Acenaphthene	14.383	154	164792	0.899	ng		98
18) Fluorene	15.373	166	208799	0.935	ng		100
20) 4,6-Dinitro-2-methylph...	15.461	198	9311	13.729	ng	#	81
21) 4-Bromophenyl-phenylether	16.263	248	79561	0.964	ng	#	88
22) Hexachlorobenzene	16.385	284	90765	0.843	ng		100
23) Atrazine	16.543	200	52983	1.038	ng		96
24) Pentachlorophenol	16.738	266	15171	3.110	ng		99
25) Phenanthrene	17.103	178	329126	0.894	ng		100
26) Anthracene	17.200	178	303204	0.988	ng		100
28) Fluoranthene	19.133	202	409753	0.904	ng		99
30) Pyrene	19.495	202	426500	0.737	ng		100
32) Benzo(a)anthracene	21.249	228	408211	1.018	ng		99
33) Chrysene	21.302	228	409761	0.845	ng		99
34) Bis(2-ethylhexyl)phtha...	21.196	149	191480	1.208	ng		100
36) Indeno(1,2,3-cd)pyrene	25.881	276	462008	2.052	ng		100
37) Benzo(b)fluoranthene	22.855	252	402925	0.819	ng		99
38) Benzo(k)fluoranthene	22.903	252	400463	0.835	ng		100
39) Benzo(a)pyrene	23.443	252	399572	0.913	ng		99
40) Dibenzo(a,h)anthracene	25.901	278	352229	2.384	ng		99
41) Benzo(g,h,i)perylene	26.593	276	420297	1.776	ng		100

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

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