Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121421\
Data File : BN017977.D
Acq On : 13 Dec 2021 20:00
Operator : CG/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Manual Integrations APPROVED

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

Quant Time: Dec 14 00:19:34 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.688	152	27379	0.400	ng		0.00
7) Naphthalene-d8	10.470	136	106660	0.400	ng		0.00
13) Acenaphthene-d10	14.319	164	65923	0.400	ng		0.00
19) Phenanthrene-d10	17.078	188	127091	0.400	ng		0.01
29) Chrysene-d12	21.270	240	127958	0.400	ng	#	0.00
35) Perylene-d12	23.553	264	138307	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.291	112	5820	0.103	ng		0.00
5) Phenol-d6	6.868	99	5313	0.095	ng		0.00
8) Nitrobenzene-d5	8.835	82	5965	0.086	ng		0.00
11) 2-Methylnaphthalene-d10	12.083	152	16202	0.086	ng		0.01
14) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng		
15) 2-Fluorobiphenyl	12.962	172	19037m	0.082	ng		0.01
27) Fluoranthene-d10	19.117	212	40667	0.099	ng		0.00
31) Terphenyl-d14	19.728	244	23744	0.075	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.235	88	1670m	0.201	ng		
3) n-Nitrosodimethylamine	3.567	42	2305	0.092	ng		96
6) bis(2-Chloroethyl)ether	7.117	93	6746	0.098	ng		98
9) Naphthalene	10.520	128	28024	0.106	ng		99
10) Hexachlorobutadiene	10.812	225	7525	0.100	ng	#	99
12) 2-Methylnaphthalene	12.154	142	15390	0.087	ng		98
16) Acenaphthylene	14.040	152	24845	0.101	ng		100
17) Acenaphthene	14.383	154	16360	0.096	ng		99
18) Fluorene	15.385	166	19155	0.092	ng		100
20) 4,6-Dinitro-2-methylph...	15.537	198	234m	0.391	ng		
21) 4-Bromophenyl-phenylether	16.275	248	6261m	0.086	ng		
22) Hexachlorobenzene	16.384	284	9368	0.099	ng		98
23) Atrazine	16.555	200	3952	0.088	ng		97
25) Phenanthrene	17.115	178	30236	0.093	ng		100
26) Anthracene	17.212	178	24526	0.091	ng		100
28) Fluoranthene	19.142	202	39775	0.099	ng		100
30) Pyrene	19.505	202	40271	0.080	ng		100
32) Benzo(a)anthracene	21.259	228	33729	0.097	ng		98
33) Chrysene	21.312	228	39047	0.093	ng		99
34) Bis(2-ethylhexyl)phtha...	21.195	149	15007	0.109	ng		99
36) Indeno(1,2,3-cd)pyrene	25.901	276	38485	0.184	ng	#	96
37) Benzo(b)fluoranthene	22.868	252	35804	0.078	ng	#	91
38) Benzo(k)fluoranthene	22.909	252	34257	0.077	ng	#	95
39) Benzo(a)pyrene	23.457	252	40559	0.100	ng	#	84
40) Dibenzo(a,h)anthracene	25.925	278	30568m	0.223	ng		
41) Benzo(g,h,i)perylene	26.606	276	40267	0.183	ng		98

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

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