Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072421\
Data File : BN015663.D
Acq On : 23 Jul 2021 10:11
Operator : CG/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC0.2

Quant Time: Jul 23 12:34:46 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN072421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 23 12:32:24 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.744	152	12095	0.400	ng	0.00
7) Naphthalene-d8	10.521	136	52934	0.400	ng	0.00
13) Acenaphthene-d10	14.370	164	26481	0.400	ng	0.00
19) Phenanthrene-d10	17.115	188	49231	0.400	ng	0.00
29) Chrysene-d12	21.323	240	40756	0.400	ng	# 0.01
35) Perylene-d12	23.628	264	36377	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.347	112	5684	0.163	ng	0.00
5) Phenol-d6	6.914	99	6424	0.155	ng	0.00
8) Nitrobenzene-d5	8.886	82	7072	0.186	ng	0.00
11) 2-Methylnaphthalene-d10	12.114	152	15657	0.178	ng	0.00
14) 2,4,6-Tribromophenol	15.868	330	1457	0.123	ng	0.00
15) 2-Fluorobiphenyl	13.000	172	23918	0.227	ng	0.00
27) Fluoranthene-d10	19.157	212	24626	0.163	ng	0.00
31) Terphenyl-d14	19.763	244	21215	0.224	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.281	88	684	0.168	ng	95
3) n-Nitrosodimethylamine	3.650	42	1671	0.167	ng	100
6) bis(2-Chloroethyl)ether	7.172	93	7054	0.189	ng	100
9) Naphthalene	10.572	128	28389	0.188	ng	100
10) Hexachlorobutadiene	10.863	225	5400	0.190	ng	# 99
12) 2-Methylnaphthalene	12.190	142	18151	0.185	ng	99
16) Acenaphthylene	14.091	152	19348	0.158	ng	100
17) Acenaphthene	14.434	154	15392	0.186	ng	99
18) Fluorene	15.423	166	17756	0.177	ng	100
20) 4,6-Dinitro-2-methylph...	15.512	198	274	0.068	ng	# 75
21) 4-Bromophenyl-phenylether	16.312	248	5439	0.176	ng	99
22) Hexachlorobenzene	16.434	284	6572	0.193	ng	100
23) Atrazine	16.592	200	3054	0.135	ng	99
24) Pentachlorophenol	16.774	266	900	0.105	ng	97
25) Phenanthrene	17.164	178	29805	0.187	ng	100
26) Anthracene	17.249	178	21956	0.161	ng	100
28) Fluoranthene	19.187	202	30415	0.174	ng	99
30) Pyrene	19.550	202	30042	0.195	ng	100
32) Benzo(a)anthracene	21.302	228	23660	0.162	ng	100
33) Chrysene	21.355	228	28455	0.190	ng	100
34) Bis(2-ethylhexyl)phtha...	21.238	149	7720	0.111	ng	100
36) Indeno(1,2,3-cd)pyrene	26.000	276	24312	0.162	ng	100
37) Benzo(b)fluoranthene	22.930	252	25658	0.183	ng	98
38) Benzo(k)fluoranthene	22.975	252	26857	0.187	ng	98
39) Benzo(a)pyrene	23.526	252	19508	0.159	ng	98
40) Dibenzo(a,h)anthracene	26.014	278	18675	0.157	ng	99
41) Benzo(g,h,i)perylene	26.719	276	22789	0.177	ng	99

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

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