Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050623\
Data File : BN025288.D
Acq On : 05 May 2023 20:49
Operator : CG/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023

Quant Time: May 08 02:32:07 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 08 02:26:10 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.911	152	5972	0.400	ng		0.00
7) Naphthalene-d8	10.718	136	18361	0.400	ng		#-0.01
13) Acenaphthene-d10	14.555	164	12144	0.400	ng		0.00
19) Phenanthrene-d10	17.298	188	27632	0.400	ng		#-0.01
29) Chrysene-d12	21.500	240	28604	0.400	ng		0.00
35) Perylene-d12	23.942	264	31069	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.470	112	11007	0.757	ng		0.00
5) Phenol-d6	7.080	99	13864	0.760	ng		0.00
8) Nitrobenzene-d5	9.084	82	11197	0.743	ng		-0.01
11) 2-Methylnaphthalene-d10	12.313	152	19054	0.759	ng		0.00
14) 2,4,6-Tribromophenol	16.057	330	4560	0.735	ng		-0.01
15) 2-Fluorobiphenyl	13.176	172	31741	0.762	ng		-0.01
27) Fluoranthene-d10	19.338	212	49755	0.728	ng		0.00
31) Terphenyl-d14	19.932	244	42410	0.735	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.325	88	4832	0.770	ng		95
3) n-Nitrosodimethylamine	3.657	42	7513	0.785	ng		99
6) bis(2-Chloroethyl)ether	7.333	93	12196	0.758	ng		99
9) Naphthalene	10.771	128	34952	0.742	ng		99
10) Hexachlorobutadiene	11.049	225	6639	0.745	ng	#	99
12) 2-Methylnaphthalene	12.385	142	25036	0.752	ng		99
16) Acenaphthylene	14.277	152	40336	0.742	ng		99
17) Acenaphthene	14.619	154	25204	0.745	ng		100
18) Fluorene	15.603	166	34508	0.745	ng		99
20) 4,6-Dinitro-2-methylph...	15.734	198	2323	0.665	ng	#	43
21) 4-Bromophenyl-phenylether	16.492	248	11360	0.738	ng	#	90
22) Hexachlorobenzene	16.616	284	12404	0.746	ng		99
23) Atrazine	16.765	200	9611	0.713	ng		97
24) Pentachlorophenol	17.050	266	2601m	0.662	ng		
25) Phenanthrene	17.348	178	56437	0.738	ng		99
26) Anthracene	17.435	178	52798	0.737	ng		100
28) Fluoranthene	19.367	202	68807	0.720	ng		100
30) Pyrene	19.734	202	71532	0.732	ng		100
32) Benzo(a)anthracene	21.482	228	70843	0.733	ng		99
33) Chrysene	21.535	228	69315	0.720	ng		99
34) Bis(2-ethylhexyl)phtha...	21.401	149	52373	0.690	ng		99
36) Indeno(1,2,3-cd)pyrene	26.486	276	91464	0.733	ng		100
37) Benzo(b)fluoranthene	23.196	252	73668	0.748	ng		94
38) Benzo(k)fluoranthene	23.243	252	76690	0.741	ng		95
39) Benzo(a)pyrene	23.840	252	75731	0.751	ng	#	93
40) Dibenzo(a,h)anthracene	26.506	278	73348	0.742	ng		97
41) Benzo(g,h,i)perylene	27.266	276	79199	0.733	ng		98

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

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