Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041621\
Data File : BN014306.D
Acq On : 16 Apr 2021 12:57
Operator : CG/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC0.2

Manual Integrations APPROVED
mohammad
4/19/2021 11:47:22 AM

Quant Time: Apr 16 14:09:42 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN041621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 16 14:08:36 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.700	152	7873	0.40	ng		0.00
7) Naphthalene-d8	10.480	136	28651	0.40	ng		0.00
13) Acenaphthene-d10	14.334	164	14386	0.40	ng		0.00
19) Phenanthrene-d10	17.079	188	30027	0.40	ng	#	0.01
29) Chrysene-d12	21.268	240	30332	0.40	ng	#	0.00
36) Perylene-d12	23.500	264	27238	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.300	112	3395	0.18	ng		0.00
5) Phenol-d6	6.871	99	4147	0.18	ng		0.00
8) Nitrobenzene-d5	8.845	82	3178	0.17	ng		0.00
11) 2-Methylnaphthalene-d10	12.066	152	8356	0.19	ng		0.00
14) 2,4,6-Tribromophenol	15.818	330	920	0.16	ng		0.00
15) 2-Fluorobiphenyl	12.951	172	10941	0.21	ng		0.00
27) Fluoranthene-d10	19.111	212	15091	0.17	ng		0.00
31) Terphenyl-d14	19.717	244	12689	0.19	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.263	88	2120	0.21	ng		99
3) n-Nitrosodimethylamine	3.609	42	759	0.16	ng	#	82
6) bis(2-Chloroethyl)ether	7.129	93	3870	0.20	ng		99
9) Naphthalene	10.518	128	13749	0.19	ng		100
10) Hexachlorobutadiene	10.822	225	2805	0.20	ng	#	99
12) 2-Methylnaphthalene	12.142	142	8835	0.19	ng		98
16) Acenaphthylene	14.042	152	9679	0.18	ng		98
17) Acenaphthene	14.397	154	7672	0.19	ng		100
18) Fluorene	15.374	166	9165	0.18	ng		99
20) 4,6-Dinitro-2-methylph...	15.463	198	513	0.14	ng	#	78
21) 4-Bromophenyl-phenylether	16.276	248	2923	0.19	ng	#	95
22) Hexachlorobenzene	16.386	284	3887	0.20	ng		100
23) Atrazine	16.544	200	1701	0.15	ng		95
24) Pentachlorophenol	16.726	266	881	0.15	ng		98
25) Phenanthrene	17.116	178	15705	0.19	ng		100
26) Anthracene	17.201	178	11907	0.17	ng		99
28) Fluoranthene	19.141	202	16410	0.17	ng		100
30) Pyrene	19.503	202	16653	0.17	ng		100
32) Benzo(a)anthracene	21.258	228	15369	0.18	ng		99
33) Chrysene	21.300	228	19766	0.21	ng		98
34) Bis(2-ethylhexyl)phtha...	21.194	149	4452	0.14	ng		99
35) Indeno(1,2,3-cd)pyrene	25.739	276	26152	0.24	ng		98
37) Benzo(b)fluoranthene	22.829	252	26340m	0.27	ng		
38) Benzo(k)fluoranthene	22.874	252	24063	0.25	ng		96
39) Benzo(a)pyrene	23.401	252	16411	0.20	ng	#	83
40) Dibenzo(a,h)anthracene	25.756	278	20786	0.22	ng		98
41) Benzo(g,h,i)perylene	26.423	276	22393	0.23	ng		99

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

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