Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042221\
Data File : BN014349.D
Acq On : 21 Apr 2021 10:21
Operator : CG/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Manual Integrations APPROVED
mohammad
4/22/2021 12:11:52 PM

Quant Time: Apr 21 12:50:15 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN042221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 21 12:48:18 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.692	152	7833	0.40	ng		0.00
7) Naphthalene-d8	10.467	136	27271	0.40	ng		0.00
13) Acenaphthene-d10	14.321	164	13854	0.40	ng		0.00
19) Phenanthrene-d10	17.067	188	29978	0.40	ng		0.00
29) Chrysene-d12	21.258	240	26881	0.40	ng		0.00
36) Perylene-d12	23.486	264	26326	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.292	112	3175	0.18	ng		0.00
5) Phenol-d6	6.863	99	3830	0.18	ng		0.00
8) Nitrobenzene-d5	8.832	82	4366	0.26	ng		0.00
11) 2-Methylnaphthalene-d10	12.057	152	8018	0.19	ng		0.00
14) 2,4,6-Tribromophenol	15.818	330	797	0.16	ng		0.00
15) 2-Fluorobiphenyl	12.938	172	10665	0.20	ng		0.00
27) Fluoranthene-d10	19.101	212	14686	0.18	ng		0.00
31) Terphenyl-d14	19.707	244	11231	0.20	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.255	88	1905	0.19	ng		98
3) n-Nitrosodimethylamine	3.601	42	799	0.15	ng	#	87
6) bis(2-Chloroethyl)ether	7.120	93	3873	0.20	ng		100
9) Naphthalene	10.518	128	13317	0.19	ng		99
10) Hexachlorobutadiene	10.809	225	2943	0.22	ng	#	100
12) 2-Methylnaphthalene	12.133	142	8591	0.19	ng		99
16) Acenaphthylene	14.042	152	11134	0.21	ng		100
17) Acenaphthene	14.384	154	7465	0.19	ng		99
18) Fluorene	15.374	166	9182	0.19	ng		100
20) 4,6-Dinitro-2-methylph...	15.450	198	575	0.18	ng	#	51
21) 4-Bromophenyl-phenylether	16.264	248	3149	0.20	ng		99
22) Hexachlorobenzene	16.373	284	4404	0.22	ng		99
23) Atrazine	16.532	200	1729	0.18	ng		99
24) Pentachlorophenol	16.714	266	699	0.13	ng		99
25) Phenanthrene	17.104	178	15933	0.19	ng		100
26) Anthracene	17.201	178	11774	0.18	ng		99
28) Fluoranthene	19.131	202	16030	0.17	ng		100
30) Pyrene	19.498	202	15908	0.21	ng		100
32) Benzo(a)anthracene	21.247	228	12971	0.18	ng		99
33) Chrysene	21.300	228	16535	0.19	ng		99
34) Bis(2-ethylhexyl)phtha...	21.183	149	4924	0.24	ng		98
35) Indeno(1,2,3-cd)pyrene	25.722	276	20585	0.20	ng		99
37) Benzo(b)fluoranthene	22.822	252	17529m	0.15	ng		
38) Benzo(k)fluoranthene	22.863	252	18365	0.17	ng		95
39) Benzo(a)pyrene	23.394	252	15604	0.18	ng	#	77
40) Dibenzo(a,h)anthracene	25.739	278	16702	0.17	ng		97
41) Benzo(g,h,i)perylene	26.406	276	17202	0.16	ng		98

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

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