Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041621\
Data File : BN014305.D
Acq On : 16 Apr 2021 12:22
Operator : CG/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC0.1

Quant Time: Apr 16 14:11:30 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	10683	0.40	ng		0.00
7) Naphthalene-d8	10.479	136	38801	0.40	ng		0.00
13) Acenaphthene-d10	14.333	164	20031	0.40	ng		0.00
19) Phenanthrene-d10	17.079	188	42565	0.40	ng		# 0.01
29) Chrysene-d12	21.268	240	43109	0.40	ng		# 0.00
36) Perylene-d12	23.500	264	40047	0.40	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.300	112	2396	0.09	ng		0.00
5) Phenol-d6	6.871	99	2957	0.09	ng		0.00
8) Nitrobenzene-d5	8.845	82	2250	0.09	ng		0.00
11) 2-Methylnaphthalene-d10	12.066	152	5766	0.10	ng		0.00
14) 2,4,6-Tribromophenol	15.818	330	669	0.09	ng		0.00
15) 2-Fluorobiphenyl	12.950	172	7637	0.10	ng		0.00
27) Fluoranthene-d10	19.111	212	10812	0.09	ng		0.00
31) Terphenyl-d14	19.717	244	9643	0.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.271	88	1641	0.12	ng		90
6) bis(2-Chloroethyl)ether	7.128	93	2706	0.10	ng		100
9) Naphthalene	10.518	128	9496	0.10	ng		98
10) Hexachlorobutadiene	10.822	225	1955	0.10	ng	#	99
12) 2-Methylnaphthalene	12.142	142	6153	0.10	ng		99
16) Acenaphthylene	14.042	152	6957	0.09	ng		99
17) Acenaphthene	14.384	154	5408	0.10	ng		99
18) Fluorene	15.374	166	6596	0.09	ng		100
20) 4,6-Dinitro-2-methylph...	15.463	198	346	0.07	ng	#	25
21) 4-Bromophenyl-phenylether	16.276	248	2126	0.10	ng		98
22) Hexachlorobenzene	16.385	284	2746	0.10	ng		99
23) Atrazine	16.544	200	1217	0.07	ng	#	94
25) Phenanthrene	17.116	178	11493	0.10	ng		99
26) Anthracene	17.201	178	8596	0.09	ng		99
28) Fluoranthene	19.141	202	12104	0.09	ng		100
30) Pyrene	19.503	202	12375	0.09	ng		100
32) Benzo(a)anthracene	21.258	228	12035	0.10	ng		98
33) Chrysene	21.300	228	16139	0.12	ng		98
34) Bis(2-ethylhexyl)phtha...	21.194	149	3763	0.09	ng	#	99
35) Indeno(1,2,3-cd)pyrene	25.742	276	20717	0.13	ng		98
37) Benzo(b)fluoranthene	22.829	252	21134	0.15	ng	#	93
38) Benzo(k)fluoranthene	22.874	252	20302	0.14	ng	#	94
39) Benzo(a)pyrene	23.401	252	12615	0.10	ng	#	79
40) Dibenzo(a,h)anthracene	25.759	278	16358	0.12	ng		97
41) Benzo(g,h,i)perylene	26.423	276	18111	0.13	ng		98

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

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