Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041621\
Data File : BN014312.D
Acq On : 16 Apr 2021 16:36
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : ICVBN041621

Quant Time: Apr 16 17:10:46 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 16:29:41 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.700	152	6317	0.40	ng		0.00
7) Naphthalene-d8	10.467	136	22806	0.40	ng		#-0.01
13) Acenaphthene-d10	14.333	164	11929	0.40	ng		0.00
19) Phenanthrene-d10	17.079	188	24337	0.40	ng		# 0.01
29) Chrysene-d12	21.268	240	24903	0.40	ng		# 0.00
36) Perylene-d12	23.503	264	20955	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.300	112	6408	0.46	ng		0.00
5) Phenol-d6	6.863	99	7896	0.45	ng		0.00
8) Nitrobenzene-d5	8.832	82	6048	0.43	ng		-0.01
11) 2-Methylnaphthalene-d10	12.066	152	15781	0.45	ng		0.00
14) 2,4,6-Tribromophenol	15.818	330	1703	0.39	ng		0.00
15) 2-Fluorobiphenyl	12.950	172	20889	0.45	ng		0.00
27) Fluoranthene-d10	19.111	212	29684	0.44	ng		0.00
31) Terphenyl-d14	19.717	244	24350	0.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.263	88	3728	0.46	ng		97
3) n-Nitrosodimethylamine	3.601	42	1732	0.39	ng	#	99
6) bis(2-Chloroethyl)ether	7.128	93	7215	0.45	ng		99
9) Naphthalene	10.517	128	26020	0.45	ng		100
10) Hexachlorobutadiene	10.809	225	5219	0.46	ng	#	99
12) 2-Methylnaphthalene	12.142	142	16928	0.45	ng		100
16) Acenaphthylene	14.042	152	18810	0.41	ng		100
17) Acenaphthene	14.384	154	14828	0.44	ng		99
18) Fluorene	15.374	166	18175	0.44	ng		100
20) 4,6-Dinitro-2-methylph...	15.450	198	1040	0.41	ng		94
21) 4-Bromophenyl-phenylether	16.276	248	5495	0.43	ng		99
22) Hexachlorobenzene	16.385	284	7508	0.45	ng		99
23) Atrazine	16.544	200	3230	0.40	ng		99
24) Pentachlorophenol	16.726	266	1722	0.38	ng		99
25) Phenanthrene	17.116	178	30681	0.45	ng		100
26) Anthracene	17.201	178	23448	0.43	ng		100
28) Fluoranthene	19.141	202	32925	0.44	ng		100
30) Pyrene	19.503	202	33084	0.47	ng		100
32) Benzo(a)anthracene	21.258	228	28781	0.43	ng		98
33) Chrysene	21.311	228	36815	0.46	ng		98
34) Bis(2-ethylhexyl)phtha...	21.194	149	8395	0.45	ng		100
35) Indeno(1,2,3-cd)pyrene	25.745	276	43583	0.45	ng		99
37) Benzo(b)fluoranthene	22.833	252	41723	0.46	ng		100
38) Benzo(k)fluoranthene	22.877	252	39701	0.45	ng		100
39) Benzo(a)pyrene	23.404	252	29708	0.44	ng		99
40) Dibenzo(a,h)anthracene	25.759	278	36012	0.45	ng		99
41) Benzo(g,h,i)perylene	26.430	276	38348	0.46	ng		99

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

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