Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040921\
Data File : BN014253.D
Acq On : 09 Apr 2021 14:31
Operator : CG/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC5.0

Quant Time: Apr 09 15:00:38 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN040921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 09 12:42:56 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.716	152	8168	0.40	ng		0.00
7) Naphthalene-d8	10.492	136	27671	0.40	ng		0.00
13) Acenaphthene-d10	14.346	164	15650	0.40	ng		0.00
19) Phenanthrene-d10	17.092	188	33161	0.40	ng		0.00
29) Chrysene-d12	21.282	240	35129	0.40	ng		# 0.00
36) Perylene-d12	23.520	264	29669	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.316	112	87261	4.01	ng		0.00
5) Phenol-d6	6.879	99	114253	3.83	ng		0.00
8) Nitrobenzene-d5	8.857	82	89222	4.66	ng		0.00
11) 2-Methylnaphthalene-d10	12.084	152	214517	4.58	ng		0.00
14) 2,4,6-Tribromophenol	15.830	330	32084	3.97	ng		0.00
15) 2-Fluorobiphenyl	12.963	172	278703	5.12	ng		0.00
27) Fluoranthene-d10	19.124	212	477052	4.85	ng		0.00
31) Terphenyl-d14	19.729	244	363988	4.62	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.279	88	43087	4.78	ng		98
3) n-Nitrosodimethylamine	3.593	42	28279	5.67	ng	#	94
6) bis(2-Chloroethyl)ether	7.144	93	89637	4.47	ng		99
9) Naphthalene	10.543	128	330256	4.76	ng		99
10) Hexachlorobutadiene	10.834	225	64783	4.81	ng	#	99
12) 2-Methylnaphthalene	12.159	142	225370	4.50	ng		98
16) Acenaphthylene	14.067	152	329575	4.63	ng		99
17) Acenaphthene	14.409	154	219833	4.96	ng		98
18) Fluorene	15.399	166	278270	4.82	ng		100
20) 4,6-Dinitro-2-methylph...	15.462	198	23588	7.22	ng	#	56
21) 4-Bromophenyl-phenylether	16.288	248	83007	4.57	ng		96
22) Hexachlorobenzene	16.398	284	106195	5.36	ng		99
23) Atrazine	16.556	200	70776	3.96	ng		98
24) Pentachlorophenol	16.739	266	38331	4.65	ng		99
25) Phenanthrene	17.128	178	443714	5.04	ng		100
26) Anthracene	17.226	178	402207	4.69	ng		100
28) Fluoranthene	19.153	202	514353	5.00	ng		100
30) Pyrene	19.516	202	520695	4.63	ng		100
32) Benzo(a)anthracene	21.260	228	529016	4.75	ng		97
33) Chrysene	21.313	228	526720	4.86	ng		97
34) Bis(2-ethylhexyl)phtha...	21.207	149	193906	2.84	ng		98
35) Indeno(1,2,3-cd)pyrene	25.769	276	619258	4.67	ng		100
37) Benzo(b)fluoranthene	22.845	252	537448	5.55	ng		96
38) Benzo(k)fluoranthene	22.893	252	527542	5.63	ng		96
39) Benzo(a)pyrene	23.420	252	471359	5.32	ng	#	94
40) Dibenzo(a,h)anthracene	25.786	278	519763	5.65	ng		98
41) Benzo(g,h,i)perylene	26.457	276	527655	5.65	ng		99

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

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