Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012422\
Data File : BN018454.D
Acq On : 24 Jan 2022 16:53
Operator : CG/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Quant Time: Jan 24 17:55:35 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN012422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 24 17:52:32 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.965	152	37848	0.400	ng	0.00
7) Naphthalene-d8	10.761	136	150273	0.400	ng	0.00
13) Acenaphthene-d10	14.573	164	82421	0.400	ng	0.00
19) Phenanthrene-d10	17.309	188	159289	0.400	ng	# 0.00
29) Chrysene-d12	21.493	240	127841	0.400	ng	0.00
35) Perylene-d12	23.898	264	118547	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.512	112	439813	4.724	ng	0.00
5) Phenol-d6	7.107	99	493884	5.291	ng	0.00
8) Nitrobenzene-d5	9.114	82	501897	5.245	ng	0.00
11) 2-Methylnaphthalene-d10	12.345	152	1174333	4.994	ng	0.00
14) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng	
15) 2-Fluorobiphenyl	13.215	172	1395020	4.688	ng	0.00
27) Fluoranthene-d10	19.341	212	2247760	4.941	ng	0.00
31) Terphenyl-d14	19.936	244	1708138	6.173	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.391	88	83580	3.926	ng	# 56
3) n-Nitrosodimethylamine	3.723	42	152062	4.457	ng	95
6) bis(2-Chloroethyl)ether	7.375	93	452689	4.480	ng	97
9) Naphthalene	10.812	128	1715484	4.494	ng	99
10) Hexachlorobutadiene	11.116	225	344170	4.851	ng	# 99
12) 2-Methylnaphthalene	12.420	142	1157622	4.951	ng	98
16) Acenaphthylene	14.294	152	1655032	5.057	ng	99
17) Acenaphthene	14.636	154	1047439	4.584	ng	95
18) Fluorene	15.626	166	1252685	4.878	ng	98
21) 4-Bromophenyl-phenylether	16.506	248	423248	4.833	ng	98
22) Hexachlorobenzene	16.628	284	447729	3.842	ng	# 93
23) Atrazine	16.774	200	333039	5.715	ng	97
24) Pentachlorophenol	16.969	266	210728	7.434	ng	99
25) Phenanthrene	17.358	178	1973516	4.408	ng	99
26) Anthracene	17.443	178	1817936	4.913	ng	99
28) Fluoranthene	19.370	202	2116118	4.451	ng	# 97
30) Pyrene	19.728	202	2254336	4.982	ng	100
32) Benzo(a)anthracene	21.471	228	1957944	5.199	ng	99
33) Chrysene	21.525	228	1900147	4.445	ng	98
34) Bis(2-ethylhexyl)phtha...	21.408	149	1486696	6.584	ng	99
36) Indeno(1,2,3-cd)pyrene	26.401	276	1264103	3.355	ng	# 94
37) Benzo(b)fluoranthene	23.162	252	1913536	4.980	ng	# 98
38) Benzo(k)fluoranthene	23.214	252	1738887	4.627	ng	# 98
39) Benzo(a)pyrene	23.792	252	1582153	4.454	ng	# 98
40) Dibenzo(a,h)anthracene	26.421	278	905100	3.211	ng	# 97
41) Benzo(g,h,i)perylene	27.174	276	1162344	3.374	ng	# 95

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

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