Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012422\
Data File : BN018452.D
Acq On : 24 Jan 2022 15:42
Operator : CG/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Quant Time: Jan 24 17:54:55 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	35366	0.400	ng	0.00
7) Naphthalene-d8	10.761	136	150677	0.400	ng	0.00
13) Acenaphthene-d10	14.573	164	81510	0.400	ng	0.00
19) Phenanthrene-d10	17.309	188	149578	0.400	ng	0.00
29) Chrysene-d12	21.482	240	112660	0.400	ng	#-0.01
35) Perylene-d12	23.895	264	92955	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.512	112	145796	1.676	ng	0.00
5) Phenol-d6	7.107	99	160339	1.838	ng	0.00
8) Nitrobenzene-d5	9.114	82	149646	1.560	ng	0.00
11) 2-Methylnaphthalene-d10	12.345	152	422083	1.790	ng	0.00
14) 2,4,6-Tribromophenol	16.056	330	47285	1.467	ng	0.00
15) 2-Fluorobiphenyl	13.215	172	487164	1.655	ng	0.00
27) Fluoranthene-d10	19.341	212	766495	1.794	ng	0.00
31) Terphenyl-d14	19.936	244	545337	2.236	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.391	88	32311	1.624	ng	# 58
3) n-Nitrosodimethylamine	3.723	42	49607	1.556	ng	97
6) bis(2-Chloroethyl)ether	7.375	93	160222	1.697	ng	98
9) Naphthalene	10.812	128	612243	1.600	ng	100
10) Hexachlorobutadiene	11.116	225	120826	1.699	ng	# 100
12) 2-Methylnaphthalene	12.420	142	418338	1.784	ng	98
16) Acenaphthylene	14.294	152	537640	1.661	ng	100
17) Acenaphthene	14.636	154	362324	1.603	ng	96
18) Fluorene	15.613	166	434923	1.713	ng	100
20) 4,6-Dinitro-2-methylph...	15.689	198	12930	1.230	ng	# 80
21) 4-Bromophenyl-phenylether	16.506	248	135840	1.652	ng	96
22) Hexachlorobenzene	16.628	284	149374	1.365	ng	# 93
23) Atrazine	16.774	200	94705	1.731	ng	97
24) Pentachlorophenol	16.969	266	48108	1.807	ng	99
25) Phenanthrene	17.358	178	668178	1.589	ng	100
26) Anthracene	17.443	178	583413	1.679	ng	99
28) Fluoranthene	19.370	202	730509	1.636	ng	# 98
30) Pyrene	19.728	202	755649	1.895	ng	100
32) Benzo(a)anthracene	21.471	228	596096	1.796	ng	99
33) Chrysene	21.524	228	594603	1.578	ng	98
34) Bis(2-ethylhexyl)phtha...	21.408	149	433584	2.179	ng	98
36) Indeno(1,2,3-cd)pyrene	26.397	276	299833	1.015	ng	# 94
37) Benzo(b)fluoranthene	23.159	252	564626	1.874	ng	# 98
38) Benzo(k)fluoranthene	23.210	252	490890	1.666	ng	# 97
39) Benzo(a)pyrene	23.785	252	423547	1.521	ng	# 97
40) Dibenzo(a,h)anthracene	26.421	278	199380	0.902	ng	# 95
41) Benzo(g,h,i)perylene	27.164	276	297286	1.100	ng	# 94

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

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