Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022222\
Data File : BN018679.D
Acq On : 22 Feb 2022 16:14
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN022222

Quant Time: Feb 22 16:56:04 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN022222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 22 16:23:51 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.919	152	6189	0.400	ng	0.00
7) Naphthalene-d8	10.722	136	14612	0.400	ng	# 0.00
13) Acenaphthene-d10	14.549	164	6917	0.400	ng	0.00
19) Phenanthrene-d10	17.287	188	12292	0.400	ng	0.00
29) Chrysene-d12	21.458	240	9388	0.400	ng	# 0.00
35) Perylene-d12	23.861	264	8428	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.471	112	5463	0.386	ng	0.00
5) Phenol-d6	7.067	99	6069	0.372	ng	0.00
8) Nitrobenzene-d5	9.067	82	4062	0.360	ng	0.00
11) 2-Methylnaphthalene-d10	12.310	152	8323	0.378	ng	0.00
14) 2,4,6-Tribromophenol	16.036	330	929	0.344	ng	0.01
15) 2-Fluorobiphenyl	13.180	172	12640	0.386	ng	0.00
27) Fluoranthene-d10	19.312	212	12550	0.376	ng	0.00
31) Terphenyl-d14	19.906	244	7942	0.390	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.326	88	2861	0.398	ng	# 59
3) n-Nitrosodimethylamine	3.644	42	2694	0.378	ng	# 86
6) bis(2-Chloroethyl)ether	7.334	93	6360	0.380	ng	98
9) Naphthalene	10.776	128	16127	0.382	ng	99
10) Hexachlorobutadiene	11.075	225	3901	0.385	ng	# 99
12) 2-Methylnaphthalene	12.382	142	10771	0.382	ng	98
16) Acenaphthylene	14.271	152	11665	0.355	ng	99
17) Acenaphthene	14.613	154	8310	0.367	ng	99
18) Fluorene	15.596	166	10014	0.367	ng	99
20) 4,6-Dinitro-2-methylph...	15.660	198	600	0.371	ng	96
21) 4-Bromophenyl-phenylether	16.477	248	3282	0.376	ng	94
22) Hexachlorobenzene	16.600	284	4257	0.389	ng	# 88
23) Atrazine	16.733	200	1703	0.353	ng	# 91
24) Pentachlorophenol	16.938	266	713	0.361	ng	99
25) Phenanthrene	17.328	178	15569	0.378	ng	100
26) Anthracene	17.420	178	12620	0.362	ng	100
28) Fluoranthene	19.341	202	15910	0.370	ng	# 97
30) Pyrene	19.704	202	15998	0.382	ng	99
32) Benzo(a)anthracene	21.449	228	13213	0.371	ng	99
33) Chrysene	21.494	228	15303	0.385	ng	99
34) Bis(2-ethylhexyl)phtha...	21.378	149	5377	0.372	ng	# 94
36) Indeno(1,2,3-cd)pyrene	26.346	276	16411	0.369	ng	# 90
37) Benzo(b)fluoranthene	23.127	252	13952	0.364	ng	# 91
38) Benzo(k)fluoranthene	23.173	252	14116	0.372	ng	# 92
39) Benzo(a)pyrene	23.752	252	11178	0.366	ng	# 86
40) Dibenzo(a,h)anthracene	26.360	278	12729	0.367	ng	# 91
41) Benzo(g,h,i)perylene	27.106	276	14078	0.370	ng	# 89

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

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