Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022222\
Data File : BN018675.D
Acq On : 22 Feb 2022 13:48
Operator : CG/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Quant Time: Feb 22 14:55:58 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 13:54:19 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.919	152	6328	0.400	ng	0.00
7) Naphthalene-d8	10.722	136	14828	0.400	ng	# 0.00
13) Acenaphthene-d10	14.548	164	7131	0.400	ng	0.00
19) Phenanthrene-d10	17.287	188	12650	0.400	ng	0.00
29) Chrysene-d12	21.467	240	9947	0.400	ng	# 0.00
35) Perylene-d12	23.860	264	8400	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.471	112	12523	0.779	ng	0.00
5) Phenol-d6	7.067	99	14355	0.815	ng	0.00
8) Nitrobenzene-d5	9.067	82	9635	0.940	ng	0.00
11) 2-Methylnaphthalene-d10	12.310	152	19522	0.816	ng	0.00
14) 2,4,6-Tribromophenol	16.025	330	2394	0.929	ng	0.00
15) 2-Fluorobiphenyl	13.180	172	29332	1.037	ng	0.00
27) Fluoranthene-d10	19.312	212	29648	0.796	ng	0.00
31) Terphenyl-d14	19.906	244	18574	0.735	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.326	88	6704	1.489	ng	# 58
3) n-Nitrosodimethylamine	3.644	42	6689	1.021	ng	88
6) bis(2-Chloroethyl)ether	7.334	93	15333	0.821	ng	99
9) Naphthalene	10.776	128	37286	0.960	ng	100
10) Hexachlorobutadiene	11.075	225	8984	1.133	ng	# 99
12) 2-Methylnaphthalene	12.382	142	24814	0.951	ng	96
16) Acenaphthylene	14.271	152	28317	0.943	ng	99
17) Acenaphthene	14.613	154	20026	0.998	ng	99
18) Fluorene	15.586	166	24287	0.987	ng	98
20) 4,6-Dinitro-2-methylph...	15.660	198	1644	1.796	ng	# 84
21) 4-Bromophenyl-phenylether	16.477	248	7982	1.040	ng	94
22) Hexachlorobenzene	16.600	284	9920	1.156	ng	# 88
23) Atrazine	16.733	200	4141	0.889	ng	# 92
24) Pentachlorophenol	16.938	266	2052	0.820	ng	100
25) Phenanthrene	17.328	178	36740	0.993	ng	100
26) Anthracene	17.420	178	30514	0.971	ng	100
28) Fluoranthene	19.341	202	38555	0.946	ng	# 97
30) Pyrene	19.704	202	38090	1.118	ng	100
32) Benzo(a)anthracene	21.449	228	32511	0.984	ng	99
33) Chrysene	21.494	228	37048	1.106	ng	99
34) Bis(2-ethylhexyl)phtha...	21.377	149	12555	0.938	ng	# 95
36) Indeno(1,2,3-cd)pyrene	26.346	276	38787	1.284	ng	# 90
37) Benzo(b)fluoranthene	23.127	252	33617	1.162	ng	# 96
38) Benzo(k)fluoranthene	23.176	252	33377	1.155	ng	# 96
39) Benzo(a)pyrene	23.755	252	26005	1.124	ng	# 94
40) Dibenzo(a,h)anthracene	26.360	278	30473	1.294	ng	# 93
41) Benzo(g,h,i)perylene	27.106	276	33402	1.271	ng	# 91

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

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