Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022421\
Data File : BN013744.D
Acq On : 24 Feb 2021 20:54
Operator : CG/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC5.0

Quant Time: Feb 24 21:24:53 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN022421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 24 21:22:40 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.749	152	5391	0.40	ng		0.00
7) Naphthalene-d8	10.530	136	18287	0.40	ng		# 0.00
13) Acenaphthene-d10	14.384	164	10716	0.40	ng		0.00
19) Phenanthrene-d10	17.128	188	23524	0.40	ng		0.00
29) Chrysene-d12	21.314	240	24686	0.40	ng		# 0.00
36) Perylene-d12	23.558	264	24247	0.40	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.333	112	61127	5.24	ng		0.00
5) Phenol-d6	6.903	99	82293	5.65	ng		0.00
8) Nitrobenzene-d5	8.883	82	57676	5.67	ng		0.00
11) 2-Methylnaphthalene-d10	12.124	152	142451	4.99	ng		0.00
14) 2,4,6-Tribromophenol	15.869	330	22493	7.36	ng		0.00
15) 2-Fluorobiphenyl	13.001	172	182699	4.54	ng		-0.01
27) Fluoranthene-d10	19.159	212	336901	5.32	ng		0.00
31) Terphenyl-d14	19.764	244	255796	4.66	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.271	88	27868	4.61	ng		98
3) n-Nitrosodimethylamine	3.569	42	27632	6.28	ng		92
6) bis(2-Chloroethyl)ether	7.169	93	61269	4.71	ng		96
9) Naphthalene	10.581	128	217861	4.86	ng		99
10) Hexachlorobutadiene	10.872	225	41661	5.59	ng	#	99
12) 2-Methylnaphthalene	12.200	142	151285	4.93	ng		99
16) Acenaphthylene	14.105	152	236885	5.76	ng		100
17) Acenaphthene	14.448	154	148649	5.03	ng		98
18) Fluorene	15.437	166	191242	5.16	ng		100
21) 4-Bromophenyl-phenylether	16.325	248	62181	5.33	ng		95
22) Hexachlorobenzene	16.435	284	65780	5.12	ng		99
23) Atrazine	16.593	200	59857	8.03	ng	#	91
24) Pentachlorophenol	16.775	266	25908	9.83	ng		96
25) Phenanthrene	17.165	178	300236	4.68	ng		100
26) Anthracene	17.262	178	292577	5.55	ng		100
28) Fluoranthene	19.188	202	353922	5.04	ng		100
30) Pyrene	19.551	202	364786	4.94	ng		100
32) Benzo(a)anthracene	21.292	228	376847	5.73	ng		98
33) Chrysene	21.346	228	356480	4.73	ng		98
34) Bis(2-ethylhexyl)phtha...	21.250	149	186051	9.60	ng		100
35) Indeno(1,2,3-cd)pyrene	25.834	276	438641	5.57	ng		98
37) Benzo(b)fluoranthene	22.883	252	388072	4.60	ng	#	91
38) Benzo(k)fluoranthene	22.928	252	371091	4.36	ng	#	90
39) Benzo(a)pyrene	23.462	252	351780	4.93	ng	#	87
40) Dibenzo(a,h)anthracene	25.854	278	368030	4.80	ng		95
41) Benzo(g,h,i)perylene	26.525	276	374014	4.65	ng		96

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

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