Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022222\
Data File : BN018683.D
Acq On : 22 Feb 2022 18:54
Operator : CG/JU
Sample : PB142777BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB142777BSD

Quant Time: Feb 23 02:17:22 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	7.890	152	10	0.400	ng	#-0.03
7) Naphthalene-d8	10.701	136	1	0.400	ng	#-0.02
13) Acenaphthene-d10	14.506	164	8	0.400	ng	#-0.04
19) Phenanthrene-d10	17.184	188	6	0.400	ng	#-0.10
29) Chrysene-d12	21.288	240	7	0.400	ng	#-0.18
35) Perylene-d12	23.644	264	2	0.400	ng	#-0.22
System Monitoring Compounds						
4) 2-Fluorophenol	5.457	112	2	0.087	ng	-0.01
5) Phenol-d6	7.089	99	1	0.038	ng	0.02
8) Nitrobenzene-d5	9.025	82	9	11.639	ng	-0.04
11) 2-Methylnaphthalene-d10	12.280	152	1	0.663	ng	-0.03
14) 2,4,6-Tribromophenol	16.036	330	4	1.281	ng	0.01
15) 2-Fluorobiphenyl	13.137	172	18	0.475	ng	-0.04
27) Fluoranthene-d10	19.211	212	2	0.123	ng	-0.10
31) Terphenyl-d14	19.721	244	1	0.066	ng	-0.19
Target Compounds						Qvalue
2) 1,4-Dioxane	3.304	88	2	0.172	ng	# 1
3) n-Nitrosodimethylamine	3.600	42	12	1.042	ng	# 31
6) bis(2-Chloroethyl)ether	7.305	93	16	0.591	ng	# 22
9) Naphthalene	10.776	128	7	2.426	ng	# 1
10) Hexachlorobutadiene	11.075	225	3	4.322	ng	# 18
16) Acenaphthylene	14.249	152	47	1.238	ng	# 93
17) Acenaphthene	14.591	154	22	0.840	ng	# 72
18) Fluorene	15.586	166	50	1.585	ng	# 71
20) 4,6-Dinitro-2-methylph...	15.596	198	2	1.647	ng	# 1
21) 4-Bromophenyl-phenylether	16.426	248	2	0.469	ng	# 61
22) Hexachlorobenzene	16.436	284	11	2.061	ng	# 55
23) Atrazine	16.661	200	2	0.850	ng	# 1
24) Pentachlorophenol	16.795	266	11	6.651	ng	# 1
25) Phenanthrene	17.215	178	18	0.896	ng	# 4
26) Anthracene	17.338	178	114	6.704	ng	# 85
28) Fluoranthene	19.350	202	188	8.958	ng	# 92
30) Pyrene	19.708	202	147	4.703	ng	97
32) Benzo(a)anthracene	21.279	228	5	0.188	ng	# 1
33) Chrysene	21.351	228	3	0.101	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.189	149	45	4.172	ng	# 44
36) Indeno(1,2,3-cd)pyrene	26.106	276	1	0.095	ng	# 1
37) Benzo(b)fluoranthene	22.922	252	5	0.550	ng	# 1
38) Benzo(k)fluoranthene	22.966	252	4	0.444	ng	# 1
39) Benzo(a)pyrene	23.530	252	4	0.552	ng	# 1
40) Dibenzo(a,h)anthracene	26.129	278	2	0.243	ng	# 1
41) Benzo(g,h,i)perylene	27.050	276	3	0.332	ng	# 1

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

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