Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092622\
Data File : BN021917.D
Acq On : 26 Sep 2022 14:21
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022

Quant Time: Sep 26 17:37:30 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 14 01:55:04 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.047	152	4322	0.400	ng		-0.01
7) Naphthalene-d8	10.877	136	14049	0.400	ng		-0.01
13) Acenaphthene-d10	14.696	164	7704	0.400	ng		-0.01
19) Phenanthrene-d10	17.456	188	13412	0.400	ng		# 0.00
29) Chrysene-d12	21.647	240	7815	0.400	ng		# 0.00
35) Perylene-d12	24.154	264	6286	0.400	ng		#-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.577	112	5024	0.444	ng		0.00
5) Phenol-d6	7.202	99	6095	0.425	ng		0.00
8) Nitrobenzene-d5	9.222	82	4649	0.400	ng		-0.01
11) 2-Methylnaphthalene-d10	12.463	152	12689	0.358	ng		-0.01
14) 2,4,6-Tribromophenol	16.197	330	804	0.228	ng		-0.01
15) 2-Fluorobiphenyl	13.328	172	12523	0.398	ng		-0.01
27) Fluoranthene-d10	19.485	212	11549	0.320	ng		0.00
31) Terphenyl-d14	20.080	244	7311	0.409	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.396	88	2122	0.380	ng		96
3) n-Nitrosodimethylamine	3.735	42	2474	0.436	ng		87
6) bis(2-Chloroethyl)ether	7.462	93	5362	0.377	ng		98
9) Naphthalene	10.919	128	16112	0.389	ng		99
10) Hexachlorobutadiene	11.208	225	2683	0.387	ng	#	100
12) 2-Methylnaphthalene	12.183	142	2917	0.327	ng	#	91
16) Acenaphthylene	14.418	152	13041	0.354	ng		99
17) Acenaphthene	14.760	154	9622m	0.383	ng		
18) Fluorene	15.747	166	11739	0.351	ng		100
21) 4-Bromophenyl-phenylether	16.636	248	3337	0.404	ng	#	83
22) Hexachlorobenzene	16.751	284	4169	0.449	ng		99
23) Atrazine	16.913	200	2336	0.342	ng		99
24) Pentachlorophenol	17.109	266	712	0.204	ng		98
25) Phenanthrene	17.490	178	16842	0.374	ng		99
26) Anthracene	17.583	178	13277	0.348	ng		100
28) Fluoranthene	19.515	202	15435	0.318	ng		100
30) Pyrene	19.877	202	16678	0.430	ng		99
32) Benzo(a)anthracene	21.629	228	10718	0.358	ng		99
33) Chrysene	21.683	228	12234	0.393	ng		99
34) Bis(2-ethylhexyl)phtha...	21.539	149	7277	0.363	ng	#	99
36) Indeno(1,2,3-cd)pyrene	26.802	276	10584	0.354	ng		99
37) Benzo(b)fluoranthene	23.382	252	10411	0.365	ng	#	88
38) Benzo(k)fluoranthene	23.434	252	10201	0.365	ng	#	88
39) Benzo(a)pyrene	24.043	252	8087	0.355	ng	#	85
40) Dibenzo(a,h)anthracene	26.823	278	8275	0.350	ng	#	92
41) Benzo(g,h,i)perylene	27.612	276	9796	0.403	ng		96

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

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