Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062421\
Data File : BN015026.D
Acq On : 24 Jun 2021 01:28
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED
mohammad
6/24/2021 9:53:20 AM

Quant Time: Jun 24 03:21:56 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN061621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 23 16:24:59 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.750	152	22221	0.400	ng		# 0.00
7) Naphthalene-d8	10.505	136	97769	0.400	ng		# 0.00
13) Acenaphthene-d10	14.358	164	51891	0.400	ng		0.00
19) Phenanthrene-d10	17.103	188	98479	0.400	ng		# 0.00
29) Chrysene-d12	21.292	240	91415	0.400	ng		#-0.01
35) Perylene-d12	23.543	264	84499	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.371	112	25503	0.371	ng		0.00
5) Phenol-d6	6.911	99	31097	0.357	ng		0.00
8) Nitrobenzene-d5	8.883	82	27054	0.366	ng		0.00
11) 2-Methylnaphthalene-d10	12.097	152	59923	0.357	ng		0.00
14) 2,4,6-Tribromophenol	15.843	330	8577	0.352	ng		0.00
15) 2-Fluorobiphenyl	12.975	172	77201	0.392	ng		0.00
27) Fluoranthene-d10	19.138	212	108637	0.350	ng		0.00
31) Terphenyl-d14	19.739	244	81531	0.360	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.352	88	3443m	0.369	ng		
3) n-Nitrosodimethylamine	3.702	42	7309	0.354	ng		75
6) bis(2-Chloroethyl)ether	7.178	93	26873	0.393	ng	#	84
9) Naphthalene	10.556	128	104804	0.382	ng		97
10) Hexachlorobutadiene	10.847	225	20351	0.374	ng	#	99
12) 2-Methylnaphthalene	12.172	142	68809	0.373	ng	#	89
16) Acenaphthylene	14.066	152	89530	0.342	ng		98
17) Acenaphthene	14.422	154	59699	0.372	ng		98
18) Fluorene	15.411	166	72867	0.368	ng		99
20) 4,6-Dinitro-2-methylph...	15.475	198	633	0.212	ng	#	67
21) 4-Bromophenyl-phenylether	16.300	248	22970	0.361	ng		93
22) Hexachlorobenzene	16.410	284	25713	0.383	ng	#	93
23) Atrazine	16.568	200	16716	0.294	ng		93
24) Pentachlorophenol	16.751	266	8209	0.333	ng		99
25) Phenanthrene	17.140	178	115762	0.385	ng		99
26) Anthracene	17.237	178	101718	0.346	ng		99
28) Fluoranthene	19.168	202	131574	0.387	ng	#	97
30) Pyrene	19.530	202	133153	0.368	ng		99
32) Benzo(a)anthracene	21.281	228	121134	0.351	ng		97
33) Chrysene	21.334	228	126776	0.384	ng		97
34) Bis(2-ethylhexyl)phtha...	21.228	149	60451	0.252	ng	#	87
36) Indeno(1,2,3-cd)pyrene	25.799	276	104155	0.369	ng	#	85
37) Benzo(b)fluoranthene	22.869	252	123188	0.389	ng	#	95
38) Benzo(k)fluoranthene	22.910	252	127193	0.416	ng	#	94
39) Benzo(a)pyrene	23.444	252	106127	0.380	ng	#	92
40) Dibenzo(a,h)anthracene	25.816	278	82444	0.361	ng	#	91
41) Benzo(g,h,i)perylene	26.487	276	84234	0.344	ng	#	89

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

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