Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062220\
Data File : BN011028.D
Acq On : 23 Jun 2020 08:15
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4EC

Quant Time: Jun 23 08:46:42 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 22 12:02:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	2760	0.40	ng		0.00
7) Naphthalene-d8	10.28	136	9861	0.40	ng		0.00
13) Acenaphthene-d10	14.15	164	5554	0.40	ng		0.00
19) Phenanthrene-d10	16.90	188	13110	0.40	ng		-0.01
27) Chrysene-d12	21.11	240	11281	0.40	ng		-0.01
34) Perylene-d12	23.26	264	13770	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.17	112	2924	0.55	ng		0.00
5) Phenol-d6	6.72	99	3236	0.52	ng		0.00
8) Nitrobenzene-d5	8.66	82	3380	0.46	ng		-0.01
11) 2-Methylnaphthalene-d10	11.87	152	6519	0.43	ng		0.00
14) 2,4,6-Tribromophenol	15.65	330	791	0.40	ng		-0.01
15) 2-Fluorobiphenyl	12.76	172	8957	0.41	ng		-0.01
25) Fluoranthene-d10	18.94	212	13567	0.37	ng		0.00
29) Terphenyl-d14	19.56	244	10578	0.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.21	88	1384	0.512	ng		97
3) n-Nitrosodimethylamine	3.53	42	806	0.513	ng	#	92
6) bis(2-Chloroethyl)ether	6.97	93	3035	0.496	ng		92
9) Naphthalene	10.32	128	10474	0.423	ng		99
10) Hexachlorobutadiene	10.62	225	2389	0.390	ng	#	98
12) 2-Methylnaphthalene	11.94	142	7107	0.429	ng		98
16) Acenaphthylene	13.86	152	9808	0.431	ng		99
17) Acenaphthene	14.21	154	6450	0.416	ng		98
18) Fluorene	15.21	166	8178	0.409	ng		99
20) 4-Bromophenyl-phenylether	16.10	248	2652	0.337	ng	#	88
21) Hexachlorobenzene	16.22	284	2866	0.349	ng		98
22) Pentachlorophenol	16.57	266	1030	0.373	ng		96
23) Phenanthrene	16.94	178	14362	0.401	ng		99
24) Anthracene	17.04	178	12331	0.412	ng		100
26) Fluoranthene	18.97	202	15097	0.371	ng	#	98
28) Pyrene	19.34	202	15202	0.407	ng		100
30) Benzo(a)anthracene	21.10	228	13953	0.421	ng		99
31) Chrysene	21.15	228	15920	0.412	ng		97
32) Bis(2-ethylhexyl)phthalate	21.06	149	6082	0.550	ng		96
33) Indeno(1,2,3-cd)pyrene	25.36	276	19352	0.448	ng	#	95
35) Benzo(b)fluoranthene	22.63	252	15705	0.335	ng		98
36) Benzo(k)fluoranthene	22.67	252	17096	0.343	ng		98
37) Benzo(a)pyrene	23.16	252	17031	0.424	ng		95
38) Dibenzo(a,h)anthracene	25.37	278	15734	0.344	ng		95
39) Benzo(g,h,i)perylene	25.99	276	15721	0.328	ng		98

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

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