Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN061220\
Data File : BN010840.D
Acq On : 12 Jun 2020 09:14
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4

Quant Time: Jun 12 11:12:49 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 12 11:11:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	3472	0.40	ng		0.00
7) Naphthalene-d8	10.30	136	12763	0.40	ng		0.00
13) Acenaphthene-d10	14.18	164	7133	0.40	ng		0.00
19) Phenanthrene-d10	16.92	188	14808	0.40	ng		0.00
27) Chrysene-d12	21.13	240	15251	0.40	ng		0.00
34) Perylene-d12	23.28	264	16639	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.21	112	3692	0.55	ng		0.00
5) Phenol-d6	6.75	99	4403	0.56	ng		0.00
8) Nitrobenzene-d5	8.69	82	3943	0.42	ng		0.00
11) 2-Methylnaphthalene-d10	11.90	152	9074	0.46	ng		0.00
14) 2,4,6-Tribromophenol	15.68	330	1136	0.45	ng		0.00
15) 2-Fluorobiphenyl	12.80	172	11515	0.41	ng		0.00
25) Fluoranthene-d10	18.96	212	19602	0.48	ng		0.00
29) Terphenyl-d14	19.58	244	14633	0.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.22	88	1449	0.426	ng		98
3) n-Nitrosodimethylamine	3.55	42	781	0.395	ng	#	93
6) bis(2-Chloroethyl)ether	7.00	93	3814	0.495	ng		93
9) Naphthalene	10.35	128	13564	0.423	ng		99
10) Hexachlorobutadiene	10.65	225	3109	0.392	ng	#	100
12) 2-Methylnaphthalene	11.97	142	9205	0.429	ng		98
16) Acenaphthylene	13.89	152	12675	0.434	ng		100
17) Acenaphthene	14.24	154	8391	0.421	ng		98
18) Fluorene	15.23	166	10703	0.416	ng		98
20) 4-Bromophenyl-phenylether	16.12	248	3453	0.388	ng	#	78
21) Hexachlorobenzene	16.24	284	3869	0.417	ng		96
22) Pentachlorophenol	16.59	266	1437	0.461	ng		97
23) Phenanthrene	16.96	178	17242	0.426	ng		99
24) Anthracene	17.06	178	14891	0.441	ng		99
26) Fluoranthene	18.99	202	20463	0.446	ng	#	98
28) Pyrene	19.36	202	21071	0.418	ng		99
30) Benzo(a)anthracene	21.12	228	20473	0.457	ng		99
31) Chrysene	21.16	228	21869	0.419	ng		100
32) Bis(2-ethylhexyl)phthalate	21.07	149	8902	0.596	ng		97
33) Indeno(1,2,3-cd)pyrene	25.40	276	25060	0.429	ng	#	96
35) Benzo(b)fluoranthene	22.65	252	21787	0.385	ng		98
36) Benzo(k)fluoranthene	22.69	252	22216	0.369	ng		98
37) Benzo(a)pyrene	23.19	252	19988	0.412	ng		95
38) Dibenzo(a,h)anthracene	25.41	278	20467	0.370	ng	#	95
39) Benzo(g,h,i)perylene	26.03	276	20824	0.360	ng		97

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

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