Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041520\
Data File : BN010503.D
Acq On : 15 Apr 2020 10:55
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4

Quant Time: Apr 15 11:31:47 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN041320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 13 18:04:22 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	3865	0.40	ng	-0.02
7) Naphthalene-d8	10.35	136	16164	0.40	ng	-0.01
13) Acenaphthene-d10	14.22	164	10614	0.40	ng	-0.01
19) Phenanthrene-d10	16.97	188	24189	0.40	ng	-0.01
27) Chrysene-d12	21.18	240	27926	0.40	ng	-0.01
34) Perylene-d12	23.35	264	25105	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.24	112	3451	0.41	ng	0.00
5) Phenol-d6	6.78	99	4809	0.43	ng	-0.02
8) Nitrobenzene-d5	8.73	82	4799	0.42	ng	-0.01
11) 2-Methylnaphthalene-d10	11.95	152	10847	0.41	ng	0.00
14) 2,4,6-Tribromophenol	15.72	330	1958	0.39	ng	0.00
15) 2-Fluorobiphenyl	12.84	172	17174	0.44	ng	-0.01
25) Fluoranthene-d10	19.01	212	31786	0.43	ng	0.00
29) Terphenyl-d14	19.62	244	29106	0.46	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.24	88	1225	0.431	ng	# 89
3) n-Nitrosodimethylamine	3.55	42	931	0.505	ng	# 82
6) bis(2-Chloroethyl)ether	7.03	93	4226	0.441	ng	98
9) Naphthalene	10.41	128	17474	0.435	ng	100
10) Hexachlorobutadiene	10.71	225	3929	0.406	ng	# 98
12) 2-Methylnaphthalene	12.02	142	12786	0.443	ng	98
16) Acenaphthylene	13.94	152	19221	0.419	ng	100
17) Acenaphthene	14.29	154	12547	0.426	ng	99
18) Fluorene	15.28	166	16551	0.429	ng	100
20) 4-Bromophenyl-phenylether	16.17	248	5496	0.409	ng	# 95
21) Hexachlorobenzene	16.29	284	6497	0.424	ng	99
22) Pentachlorophenol	16.63	266	2496	0.414	ng	97
23) Phenanthrene	17.01	178	29167	0.446	ng	100
24) Anthracene	17.10	178	26668	0.447	ng	100
26) Fluoranthene	19.04	202	38010	0.467	ng	99
28) Pyrene	19.40	202	39537	0.421	ng	99
30) Benzo(a)anthracene	21.17	228	38134	0.419	ng	98
31) Chrysene	21.21	228	39151	0.431	ng	99
32) Bis(2-ethylhexyl)phthalate	21.11	149	16006	0.342	ng	100
33) Indeno(1,2,3-cd)pyrene	25.49	276	36529	0.455	ng	99
35) Benzo(b)fluoranthene	22.71	252	35331	0.427	ng	98
36) Benzo(k)fluoranthene	22.75	252	36806	0.444	ng	99
37) Benzo(a)pyrene	23.25	252	31936	0.436	ng	96
38) Dibenzo(a,h)anthracene	25.51	278	30022	0.449	ng	97
39) Benzo(g,h,i)perylene	26.14	276	30624	0.455	ng	99

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

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