Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041420\
Data File : BN010487.D
Acq On : 14 Apr 2020 20:53
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4

Quant Time: Apr 14 23:06:17 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	7.61	152	3795	0.40	ng	0.00
7) Naphthalene-d8	10.37	136	15465	0.40	ng	0.00
13) Acenaphthene-d10	14.22	164	9972	0.40	ng	0.00
19) Phenanthrene-d10	16.97	188	21793	0.40	ng	0.00
27) Chrysene-d12	21.17	240	22309	0.40	ng	-0.01
34) Perylene-d12	23.35	264	19258	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	3428	0.41	ng	0.00
5) Phenol-d6	6.79	99	4667	0.43	ng	0.00
8) Nitrobenzene-d5	8.73	82	4689	0.43	ng	-0.01
11) 2-Methylnaphthalene-d10	11.96	152	10346	0.41	ng	0.00
14) 2,4,6-Tribromophenol	15.72	330	1769	0.38	ng	0.00
15) 2-Fluorobiphenyl	12.84	172	16335	0.45	ng	0.00
25) Fluoranthene-d10	19.01	212	27527	0.42	ng	0.00
29) Terphenyl-d14	19.62	244	24945	0.49	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	1248	0.447	ng	# 93
3) n-Nitrosodimethylamine	3.55	42	868	0.479	ng	# 90
6) bis(2-Chloroethyl)ether	7.04	93	4234	0.450	ng	100
9) Naphthalene	10.41	128	16855	0.439	ng	99
10) Hexachlorobutadiene	10.71	225	3786	0.409	ng	# 98
12) 2-Methylnaphthalene	12.03	142	12225	0.443	ng	98
16) Acenaphthylene	13.95	152	18082	0.420	ng	100
17) Acenaphthene	14.29	154	11905	0.430	ng	97
18) Fluorene	15.28	166	15345	0.423	ng	100
20) 4-Bromophenyl-phenylether	16.18	248	5119	0.423	ng	96
21) Hexachlorobenzene	16.29	284	5941	0.430	ng	98
22) Pentachlorophenol	16.63	266	2337	0.430	ng	97
23) Phenanthrene	17.02	178	26142	0.444	ng	100
24) Anthracene	17.10	178	24142	0.449	ng	100
26) Fluoranthene	19.04	202	32743	0.447	ng	100
28) Pyrene	19.41	202	33581	0.447	ng	99
30) Benzo(a)anthracene	21.16	228	30438	0.418	ng	98
31) Chrysene	21.22	228	31322	0.432	ng	98
32) Bis(2-ethylhexyl)phthalate	21.12	149	14557	0.390	ng	99
33) Indeno(1,2,3-cd)pyrene	25.49	276	27993	0.437	ng	100
35) Benzo(b)fluoranthene	22.70	252	27800	0.438	ng	100
36) Benzo(k)fluoranthene	22.75	252	27812	0.438	ng	99
37) Benzo(a)pyrene	23.26	252	25240	0.450	ng	98
38) Dibenzo(a,h)anthracene	25.51	278	23053	0.449	ng	98
39) Benzo(g,h,i)perylene	26.14	276	23725	0.459	ng	99

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

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