Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042120\
Data File : BN010560.D
Acq On : 21 Apr 2020 11:07
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4

Quant Time: Apr 21 13:14:29 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	3356	0.40	ng		-0.02
7) Naphthalene-d8	10.35	136	14024	0.40	ng		-0.01
13) Acenaphthene-d10	14.21	164	8961	0.40	ng		-0.02
19) Phenanthrene-d10	16.96	188	20200	0.40	ng		-0.02
27) Chrysene-d12	21.17	240	18426	0.40	ng		-0.01
34) Perylene-d12	23.35	264	16117	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.24	112	3100	0.42	ng		0.00
5) Phenol-d6	6.78	99	3861	0.40	ng		-0.02
8) Nitrobenzene-d5	8.73	82	3808	0.39	ng		-0.01
11) 2-Methylnaphthalene-d10	11.95	152	10584	0.46	ng		-0.01
14) 2,4,6-Tribromophenol	15.72	330	1341	0.32	ng		0.00
15) 2-Fluorobiphenyl	12.84	172	13192	0.40	ng		0.00
25) Fluoranthene-d10	19.00	212	26425	0.43	ng		-0.01
29) Terphenyl-d14	19.62	244	17908	0.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.24	88	962	0.389	ng		96
3) n-Nitrosodimethylamine	3.56	42	651	0.406	ng	#	87
6) bis(2-Chloroethyl)ether	7.03	93	3469	0.417	ng		98
9) Naphthalene	10.41	128	14187	0.407	ng		100
10) Hexachlorobutadiene	10.70	225	3444	0.410	ng	#	99
12) 2-Methylnaphthalene	12.02	142	10257	0.410	ng		99
16) Acenaphthylene	13.93	152	14366	0.371	ng		99
17) Acenaphthene	14.28	154	9996	0.402	ng		100
18) Fluorene	15.27	166	13047	0.400	ng		100
20) 4-Bromophenyl-phenylether	16.17	248	4380	0.390	ng	#	81
21) Hexachlorobenzene	16.28	284	5455	0.426	ng		98
22) Pentachlorophenol	16.63	266	1444	0.287	ng		97
23) Phenanthrene	17.01	178	22220	0.407	ng		99
24) Anthracene	17.10	178	18341	0.368	ng		100
26) Fluoranthene	19.03	202	26678	0.393	ng		100
28) Pyrene	19.40	202	26298	0.424	ng		100
30) Benzo(a)anthracene	21.15	228	21718	0.361	ng		98
31) Chrysene	21.21	228	24240	0.405	ng		99
32) Bis(2-ethylhexyl)phthalate	21.11	149	8395	0.272	ng		99
33) Indeno(1,2,3-cd)pyrene	25.49	276	22851	0.432	ng		100
35) Benzo(b)fluoranthene	22.70	252	21607	0.407	ng		99
36) Benzo(k)fluoranthene	22.75	252	21802	0.410	ng		99
37) Benzo(a)pyrene	23.25	252	18318	0.390	ng		99
38) Dibenzo(a,h)anthracene	25.50	278	18213	0.424	ng		98
39) Benzo(g,h,i)perylene	26.14	276	19211	0.444	ng		99

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

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