Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070519\
Data File : BN006746.D
Acq On : 06 Jul 2019 09:21
Operator : HP/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4EC

Quant Time: Jul 08 00:25:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN070219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 05 05:30:28 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	2673	0.40	ng		-0.02
7) Naphthalene-d8	10.36	136	10568	0.40	ng		-0.03
13) Acenaphthene-d10	14.24	164	6060	0.40	ng		-0.02
19) Phenanthrene-d10	17.00	188	13679	0.40	ng		-0.02
27) Chrysene-d12	21.24	240	13805	0.40	ng		-0.02
34) Perylene-d12	23.46	264	16022	0.40	ng		-0.05
System Monitoring Compounds							
4) 2-Fluorophenol	5.24	112	2518	0.35	ng		0.00
5) Phenol-d6	6.81	99	3294	0.36	ng		-0.02
8) Nitrobenzene-d5	8.78	82	2849	0.35	ng		-0.01
11) 2-Methylnaphthalene-d10	11.98	152	6458	0.41	ng		-0.02
14) 2,4,6-Tribromophenol	15.77	330	1093	0.37	ng		-0.02
15) 2-Fluorobiphenyl	12.86	172	9250	0.39	ng		-0.02
25) Fluoranthene-d10	19.05	212	16614	0.42	ng		-0.02
29) Terphenyl-d14	19.66	244	12520	0.39	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.12	88	1869	0.447	ng		97
3) n-Nitrosodimethylamine	3.47	42	1229	0.390	ng	#	81
6) bis(2-Chloroethyl)ether	7.04	93	3378	0.435	ng	#	85
9) Naphthalene	10.42	128	11896	0.412	ng		99
10) Hexachlorobutadiene	10.69	225	2543	0.435	ng	#	99
12) 2-Methylnaphthalene	12.05	142	7546	0.367	ng		99
16) Acenaphthylene	13.96	152	11466	0.380	ng		100
17) Acenaphthene	14.31	154	7885	0.409	ng		97
18) Fluorene	15.30	166	9531	0.399	ng		100
20) 4-Bromophenyl-phenylether	16.20	248	3087	0.383	ng		94
21) Hexachlorobenzene	16.31	284	4121	0.430	ng		99
22) Pentachlorophenol	16.71	266	521	0.504	ng		97
23) Phenanthrene	17.05	178	15338	0.389	ng		100
24) Anthracene	17.14	178	12948	0.363	ng		100
26) Fluoranthene	19.08	202	19323	0.417	ng		100
28) Pyrene	19.45	202	20016	0.362	ng		100
30) Benzo(a)anthracene	21.22	228	17980	0.378	ng		99
31) Chrysene	21.27	228	19469	0.397	ng		100
32) Bis(2-ethylhexyl)phthalate	21.13	149	9150	0.064	ng		99
33) Indeno(1,2,3-cd)pyrene	25.68	276	25428	0.433	ng		98
35) Benzo(b)fluoranthene	22.79	252	20330	0.395	ng	#	96
36) Benzo(k)fluoranthene	22.84	252	23031	0.413	ng	#	96
37) Benzo(a)pyrene	23.36	252	20214	0.406	ng	#	95
38) Dibenzo(a,h)anthracene	25.69	278	20196	0.408	ng		96
39) Benzo(g,h,i)perylene	26.37	276	21177	0.416	ng		95

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

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