Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031020\
Data File : BN010191.D
Acq On : 11 Mar 2020 14:09
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4EC

Manual Integrations APPROVED
mohammad
3/11/2020 5:08:54 PM

Quant Time: Mar 11 15:21:27 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN021920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 19 15:57:43 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	857	0.40	ng		-0.05
7) Naphthalene-d8	10.13	136	2810	0.40	ng		-0.05
13) Acenaphthene-d10	14.00	164	1928	0.40	ng		-0.06
19) Phenanthrene-d10	16.78	188	4648	0.40	ng		-0.03
27) Chrysene-d12	20.99	240	3788	0.40	ng		-0.04
34) Perylene-d12	23.10	264	3917	0.40	ng		-0.05
System Monitoring Compounds							
4) 2-Fluorophenol	5.05	112	840	0.44	ng		-0.03
5) Phenol-d6	6.64	99	986	0.43	ng		0.00
8) Nitrobenzene-d5	8.59	82	1109	0.47	ng		0.00
11) 2-Methylnaphthalene-d10	11.74	152	2267	0.42	ng		-0.04
14) 2,4,6-Tribromophenol	15.55	330	324	0.44	ng		-0.03
15) 2-Fluorobiphenyl	12.64	172	2685	0.37	ng		-0.04
25) Fluoranthene-d10	18.82	212	5750	0.36	ng		-0.04
29) Terphenyl-d14	19.44	244	3807	0.42	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.05	88	394m	0.449	ng		
3) n-Nitrosodimethylamine	3.41	42	902m	0.626	ng		
6) bis(2-Chloroethyl)ether	6.85	93	843m	0.374	ng		
9) Naphthalene	10.18	128	3200	0.418	ng		99
10) Hexachlorobutadiene	10.43	225	758	0.450	ng	#	95
12) 2-Methylnaphthalene	11.82	142	2144	0.408	ng		99
16) Acenaphthylene	13.72	152	3063	0.373	ng		99
17) Acenaphthene	14.07	154	2355	0.407	ng		99
18) Fluorene	15.08	166	3071	0.403	ng		99
20) 4-Bromophenyl-phenylether	16.01	248	669m	0.138	ng		
21) Hexachlorobenzene	16.09	284	1281	0.443	ng		99
22) Pentachlorophenol	16.48	266	237	0.423	ng		97
23) Phenanthrene	16.83	178	5364	0.388	ng		99
24) Anthracene	16.93	178	4140	0.354	ng		99
26) Fluoranthene	18.85	202	5849	0.353	ng		99
28) Pyrene	19.22	202	5871	0.408	ng		100
30) Benzo(a)anthracene	20.98	228	4802	0.382	ng		99
31) Chrysene	21.04	228	5782	0.398	ng		98
32) Bis(2-ethylhexyl)phthalate	20.91	149	2645	0.431	ng		97
33) Indeno(1,2,3-cd)pyrene	25.14	276	6172	0.408	ng		96
35) Benzo(b)fluoranthene	22.49	252	5404	0.377	ng	#	92
36) Benzo(k)fluoranthene	22.53	252	6312	0.405	ng		98
37) Benzo(a)pyrene	23.02	252	5068	0.388	ng	#	94
38) Dibenzo(a,h)anthracene	25.14	278	4855	0.377	ng		100
39) Benzo(g,h,i)perylene	25.75	276	5688	0.415	ng		100

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

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