Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030920\
Data File : BN010143.D
Acq On : 09 Mar 2020 11:27
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4

Manual Integrations APPROVED
mohammad
3/10/2020 2:45:20 PM

Quant Time: Mar 09 17:06:36 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	922	0.40	ng		-0.05
7) Naphthalene-d8	10.13	136	3355	0.40	ng		-0.05
13) Acenaphthene-d10	14.01	164	2300	0.40	ng		-0.05
19) Phenanthrene-d10	16.78	188	5117	0.40	ng		-0.04
27) Chrysene-d12	21.00	240	4618	0.40	ng		-0.04
34) Perylene-d12	23.09	264	4972	0.40	ng		-0.05
System Monitoring Compounds							
4) 2-Fluorophenol	5.04	112	818	0.40	ng		-0.04
5) Phenol-d6	6.61	99	926	0.37	ng		-0.03
8) Nitrobenzene-d5	8.57	82	936	0.34	ng		-0.03
11) 2-Methylnaphthalene-d10	11.74	152	2600	0.40	ng		-0.04
14) 2,4,6-Tribromophenol	15.55	330	354	0.40	ng		-0.04
15) 2-Fluorobiphenyl	12.64	172	3196	0.37	ng		-0.05
25) Fluoranthene-d10	18.82	212	6393	0.36	ng		-0.04
29) Terphenyl-d14	19.44	244	4062	0.37	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	3.05	88	401m	0.425	ng		
3) n-Nitrosodimethylamine	3.42	42	569	0.367	ng	#	97
6) bis(2-Chloroethyl)ether	6.84	93	987	0.407	ng	#	87
9) Naphthalene	10.18	128	3553	0.388	ng		100
10) Hexachlorobutadiene	10.43	225	810	0.402	ng	#	97
12) 2-Methylnaphthalene	11.81	142	2482	0.396	ng		99
16) Acenaphthylene	13.73	152	3744	0.382	ng		98
17) Acenaphthene	14.08	154	2615	0.379	ng		99
18) Fluorene	15.08	166	3380	0.372	ng		98
20) 4-Bromophenyl-phenylether	16.01	248	502m	0.044	ng		
21) Hexachlorobenzene	16.09	284	1260	0.395	ng		98
22) Pentachlorophenol	16.48	266	254	0.417	ng		97
23) Phenanthrene	16.82	178	5495	0.361	ng		100
24) Anthracene	16.92	178	4620	0.359	ng		99
26) Fluoranthene	18.85	202	6553	0.359	ng		99
28) Pyrene	19.22	202	6629	0.378	ng		100
30) Benzo(a)anthracene	20.99	228	5663	0.370	ng		99
31) Chrysene	21.04	228	6248	0.352	ng		98
32) Bis(2-ethylhexyl)phthalate	20.92	149	2675	0.358	ng		100
33) Indeno(1,2,3-cd)pyrene	25.13	276	7442	0.403	ng		99
35) Benzo(b)fluoranthene	22.48	252	6432	0.354	ng		97
36) Benzo(k)fluoranthene	22.52	252	7453	0.377	ng		97
37) Benzo(a)pyrene	23.01	252	6241	0.376	ng	#	93
38) Dibenzo(a,h)anthracene	25.13	278	5972	0.366	ng		97
39) Benzo(g,h,i)perylene	25.75	276	6463	0.372	ng		97

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

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