Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121819\
Data File : BN009020.D
Acq On : 18 Dec 2019 18:16
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4

Manual Integrations APPROVED
mohammad
12/19/2019 12:14:15 PM

Quant Time: Dec 19 01:02:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN120919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 19 00:50:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	3682	0.40	ng		0.00
7) Naphthalene-d8	10.29	136	13489	0.40	ng		0.00
13) Acenaphthene-d10	14.17	164	8556	0.40	ng		0.00
19) Phenanthrene-d10	16.91	188	19614	0.40	ng		0.00
27) Chrysene-d12	21.12	240	17654	0.40	ng		0.00
34) Perylene-d12	23.26	264	16395	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.18	112	3998	0.43	ng		0.00
5) Phenol-d6	6.73	99	4840	0.37	ng		0.00
8) Nitrobenzene-d5	8.67	82	4632	0.40	ng		0.00
11) 2-Methylnaphthalene-d10	11.89	152	9108	0.39	ng		0.00
14) 2,4,6-Tribromophenol	15.66	330	1613	0.39	ng		0.00
15) 2-Fluorobiphenyl	12.79	172	13745	0.42	ng		0.00
25) Fluoranthene-d10	18.95	212	23358	0.39	ng		0.00
29) Terphenyl-d14	19.56	244	18732	0.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.18	88	1713	0.496	ng		99
3) n-Nitrosodimethylamine	3.50	42	2153	0.452	ng	#	98
6) bis(2-Chloroethyl)ether	6.99	93	4908	0.402	ng		99
9) Naphthalene	10.34	128	15478	0.421	ng		99
10) Hexachlorobutadiene	10.65	225	3191	0.453	ng	#	99
12) 2-Methylnaphthalene	11.97	142	10933	0.399	ng		99
16) Acenaphthylene	13.88	152	16344	0.418	ng		100
17) Acenaphthene	14.22	154	10956	0.422	ng		99
18) Fluorene	15.22	166	14764	0.422	ng		100
20) 4-Bromophenyl-phenylether	16.11	248	4999	0.426	ng	#	92
21) Hexachlorobenzene	16.23	284	5550	0.415	ng		98
22) Pentachlorophenol	16.58	266	1612	0.334	ng		98
23) Phenanthrene	16.95	178	25104	0.407	ng		100
24) Anthracene	17.05	178	22032	0.405	ng		100
26) Fluoranthene	18.98	202	29466	0.401	ng		100
28) Pyrene	19.35	202	29519	0.477	ng		100
30) Benzo(a)anthracene	21.10	228	26942	0.430	ng		98
31) Chrysene	21.15	228	27117	0.418	ng		97
32) Bis(2-ethylhexyl)phthalate	21.06	149	14092	0.481	ng		99
33) Indeno(1,2,3-cd)pyrene	25.36	276	25356	0.369	ng		100
35) Benzo(b)fluoranthene	22.63	252	25066	0.427	ng		99
36) Benzo(k)fluoranthene	22.67	252	24716m	0.418	ng		
37) Benzo(a)pyrene	23.17	252	22299	0.423	ng		98
38) Dibenzo(a,h)anthracene	25.37	278	20419	0.413	ng		98
39) Benzo(g,h,i)perylene	26.00	276	20621	0.423	ng		99

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

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