Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN100519\
Data File : BN008042.D
Acq On : 06 Oct 2019 02:37
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED
mohammad
10/7/2019 4:40:19 PM

Quant Time: Oct 07 07:33:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 03 18:39:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	3335	0.40	ng		-0.02
7) Naphthalene-d8	10.44	136	13283	0.40	ng		-0.03
13) Acenaphthene-d10	14.30	164	8267	0.40	ng		-0.02
19) Phenanthrene-d10	17.05	188	17174	0.40	ng		-0.02
27) Chrysene-d12	21.25	240	18554	0.40	ng		-0.02
34) Perylene-d12	23.46	264	20516	0.40	ng		-0.03
System Monitoring Compounds							
4) 2-Fluorophenol	5.30	112	4229	0.37	ng		-0.02
5) Phenol-d6	6.87	99	5201	0.36	ng		0.00
8) Nitrobenzene-d5	8.82	82	4655	0.40	ng		-0.01
11) 2-Methylnaphthalene-d10	12.04	152	9349	0.42	ng		-0.02
14) 2,4,6-Tribromophenol	15.81	330	1757	0.39	ng		-0.01
15) 2-Fluorobiphenyl	12.92	172	12521	0.37	ng		-0.02
25) Fluoranthene-d10	19.09	212	23127	0.40	ng		-0.02
29) Terphenyl-d14	19.69	244	19308	0.42	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.27	88	1741m	0.468	ng		
3) n-Nitrosodimethylamine	2.97	42	1088	0.639	ng		96
6) bis(2-Chloroethyl)ether	7.11	93	4625	0.490	ng	#	87
9) Naphthalene	10.49	128	15210	0.408	ng		99
10) Hexachlorobutadiene	10.79	225	3605	0.459	ng	#	99
12) 2-Methylnaphthalene	12.11	142	10506	0.417	ng		98
16) Acenaphthylene	14.02	152	17411	0.397	ng		100
17) Acenaphthene	14.37	154	10257	0.363	ng		97
18) Fluorene	15.36	166	13307	0.367	ng		100
20) 4-Bromophenyl-phenylether	16.25	248	4216	0.404	ng		95
21) Hexachlorobenzene	16.37	284	5045	0.443	ng		96
22) Pentachlorophenol	16.73	266	1717	0.409	ng		99
23) Phenanthrene	17.09	178	20896	0.391	ng		100
24) Anthracene	17.19	178	19638	0.406	ng		100
26) Fluoranthene	19.12	202	26854	0.404	ng		100
28) Pyrene	19.48	202	27983	0.442	ng		99
30) Benzo(a)anthracene	21.23	228	27380	0.401	ng		98
31) Chrysene	21.28	228	27147	0.408	ng		98
32) Bis(2-ethylhexyl)phthalate	21.17	149	17177m	0.489	ng		
33) Indeno(1,2,3-cd)pyrene	25.67	276	33048	0.396	ng		98
35) Benzo(b)fluoranthene	22.80	252	28612	0.402	ng	#	84
36) Benzo(k)fluoranthene	22.84	252	26908	0.382	ng	#	89
37) Benzo(a)pyrene	23.36	252	26725	0.399	ng	#	77
38) Dibenzo(a,h)anthracene	25.68	278	27003	0.394	ng	#	89
39) Benzo(g,h,i)perylene	26.35	276	27519	0.406	ng		94

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

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