Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100719\
Data File : BN008050.D
Acq On : 07 Oct 2019 15:11
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED
mohammad
10/8/2019 12:23:10 PM

Quant Time: Oct 07 23:45:12 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	7.67	152	1890	0.40	ng		-0.03
7) Naphthalene-d8	10.44	136	7670	0.40	ng		-0.03
13) Acenaphthene-d10	14.29	164	5029	0.40	ng		-0.03
19) Phenanthrene-d10	17.05	188	11325	0.40	ng		-0.02
27) Chrysene-d12	21.25	240	18695	0.40	ng		-0.02
34) Perylene-d12	23.45	264	18687	0.40	ng		-0.04
System Monitoring Compounds							
4) 2-Fluorophenol	5.29	112	2358	0.36	ng		-0.02
5) Phenol-d6	6.86	99	3000	0.37	ng		0.00
8) Nitrobenzene-d5	8.81	82	2661	0.40	ng		-0.03
11) 2-Methylnaphthalene-d10	12.03	152	5470	0.42	ng		-0.03
14) 2,4,6-Tribromophenol	15.80	330	1089	0.40	ng		-0.02
15) 2-Fluorobiphenyl	12.92	172	7545	0.36	ng		-0.02
25) Fluoranthene-d10	19.08	212	16177	0.42	ng		-0.03
29) Terphenyl-d14	19.68	244	16551	0.36	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	929m	0.441	ng		
6) bis(2-Chloroethyl)ether	7.11	93	2512	0.469	ng		89
9) Naphthalene	10.48	128	8803	0.409	ng		96
10) Hexachlorobutadiene	10.79	225	2036	0.449	ng	#	99
12) 2-Methylnaphthalene	12.11	142	6151	0.423	ng		99
16) Acenaphthylene	14.01	152	9992	0.375	ng		99
17) Acenaphthene	14.36	154	6419	0.373	ng		99
18) Fluorene	15.35	166	8221	0.373	ng		100
20) 4-Bromophenyl-phenylether	16.24	248	2655	0.386	ng	#	90
21) Hexachlorobenzene	16.36	284	3145	0.419	ng		97
22) Pentachlorophenol	16.71	266	1279	0.462	ng		98
23) Phenanthrene	17.08	178	14535	0.412	ng		100
24) Anthracene	17.18	178	12968	0.407	ng		100
26) Fluoranthene	19.11	202	19464	0.444	ng		99
28) Pyrene	19.48	202	20458	0.321	ng		100
30) Benzo(a)anthracene	21.23	228	22023	0.320	ng		98
31) Chrysene	21.28	228	23891	0.356	ng		98
32) Bis(2-ethylhexyl)phthalate	21.16	149	25338m	0.716	ng		
33) Indeno(1,2,3-cd)pyrene	25.66	276	30653	0.365	ng		98
35) Benzo(b)fluoranthene	22.79	252	26149	0.403	ng	#	83
36) Benzo(k)fluoranthene	22.84	252	25087	0.391	ng	#	90
37) Benzo(a)pyrene	23.36	252	23469	0.385	ng	#	71
38) Dibenzo(a,h)anthracene	25.67	278	25173	0.404	ng	#	91
39) Benzo(g,h,i)perylene	26.33	276	25416	0.412	ng		95

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

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