Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091818\
Data File : BF109111.D
Acq On : 18 Sep 2018 22:17
Operator : JU/SJ
Sample : J4959-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
BACKFILL-SW2

**Manual Integrations APPROVED**
Sohil
9/19/2018 4:23:54 PM

Quant Time: Sep 19 05:25:22 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 14 13:26:52 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.72 | 152 | 147929 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.00 | 136 | 512962 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 9.75 | 164 | 201960 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 11.23 | 188 | 348346 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 13.87 | 240 | 359147 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 15.27 | 264 | 326773 | 20.00 | ng | | 0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.33 | 112 | 536314 | 60.22 | ng | | 0.00 |
| 7) Phenol-d6 | 6.35 | 99 | 689899 | 60.07 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.28 | 82 | 417777 | 45.68 | ng | | -0.01 |
| 41) 2,4,6-Tribromophenol | 10.54 | 330 | 128729 | 58.73 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 9.08 | 172 | 677405 | 52.55 | ng | | 0.00 |
| 78) Terphenyl-d14 | 12.81 | 244 | 606120 | 40.00 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 31) Naphthalene | 8.02 | 128 | 231837 | 9.738 | ng | | 98 |
| 37) 2-Methylnaphthalene | 8.71 | 142 | 74931 | 4.828 | ng | | 99 |
| 45) 1,1'-Biphenyl | 9.18 | 154 | 38093 | 2.358 | ng | | 95 |
| 48) Acenaphthylene | 9.61 | 152 | 43226 | 2.216 | ng | | 98 |
| 49) Dimethylphthalate | 9.47 | 163 | 93018 | 6.444 | ng | # | 98 |
| 51) Acenaphthene | 9.78 | 154 | 147878 | 12.172 | ng | | 98 |
| 54) Dibenzofuran | 9.95 | 168 | 251803 | 14.343 | ng | | 99 |
| 57) Fluorene | 10.30 | 166 | 271264 | 23.187 | ng | | 100 |
| 70) Phenanthrene | 11.26 | 178 | 1790345 | 104.846 | ng | | 98 |
| 71) Anthracene | 11.31 | 178 | 920813 | 53.196 | ng | | 99 |
| 72) Carbazole | 11.46 | 167 | 314204 | 18.337 | ng | | 99 |
| 74) Fluoranthene | 12.45 | 202 | 1673662 | 92.841 | ng | | 96 |
| 77) Pyrene | 12.67 | 202 | 1507799 | 56.521 | ng | | 98 |
| 80) Benzo(a)anthracene | 13.85 | 228 | 776684 | 35.720 | ng | | 98 |
| 82) Chrysene | 13.89 | 228 | 720969 | 33.141 | ng | | 98 |
| 85) Indeno(1,2,3-cd)pyrene | 16.62 | 276 | 224317 | 12.897 | ng | # | 89 |
| 87) Benzo(b)fluoranthene | 14.87 | 252 | 730031m | 40.383 | ng | | |
| 88) Benzo(k)fluoranthene | 14.89 | 252 | 190682m | 11.293 | ng | | |
| 89) Benzo(a)pyrene | 15.21 | 252 | 508990 | 31.704 | ng | | 97 |
| 90) Dibenzo(a,h)anthracene | 16.62 | 278 | 54384 | 4.032 | ng | | 97 |
| 91) Benzo(g,h,i)perylene | 17.02 | 276 | 196103 | 14.542 | ng | | 92 |

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

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