Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062117\
Data File : BF096114.D
Acq On : 22 Jun 2017 9:05
Operator : SJ/MA
Sample : I3792-01DL 25X
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
OR-03-061917DL

**Manual Integrations APPROVED**
mohammad
6/22/2017 6:03:09 PM

Quant Time: Jun 22 11:10:56 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 20 16:05:47 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.30 | 152 | 68589 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 9.33 | 136 | 307743 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 12.14 | 164 | 105866 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 14.54 | 188 | 189566 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 18.27 | 240 | 162141 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 19.94 | 264 | 97290 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.44 | 112 | 1765 | 0.41 | ng | | 0.26 |
| 7) Phenol-d6 | 7.13 | 99 | 17697m | 3.43 | ng | | 0.25 |
| 23) Nitrobenzene-d5 | 8.36 | 82 | 6417m | 1.29 | ng | | 0.14 |
| 41) 2,4,6-Tribromophenol | 13.50 | 330 | 1827 | 1.95 | ng | | 0.05 |
| 44) 2-Fluorobiphenyl | 11.12 | 172 | 23621 | 3.10 | ng | | 0.00 |
| 78) Terphenyl-d14 | 16.92 | 244 | 20600 | 3.15 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 70) Phenanthrene | 14.57 | 178 | 183726 | 16.80 | ng | | 98 |
| 71) Anthracene | 14.67 | 178 | 65615 | 5.75 | ng | | 99 |
| 74) Fluoranthene | 16.36 | 202 | 399394 | 36.89 | ng | | 98 |
| 77) Pyrene | 16.67 | 202 | 339732 | 28.08 | ng | | 96 |
| 80) Benzo(a)anthracene | 18.26 | 228 | 143953 | 15.27 | ng | | 97 |
| 82) Chrysene | 18.30 | 228 | 112550 | 11.95 | ng | | 98 |
| 85) Indeno(1,2,3-cd)pyrene | 21.11 | 276 | 40249 | 4.99 | ng | # | 91 |
| 87) Benzo(b)fluoranthene | 19.54 | 252 | 103493m | 16.99 | ng | | |
| 88) Benzo(k)fluoranthene | 19.57 | 252 | 42589m | 7.31 | ng | | |
| 89) Benzo(a)pyrene | 19.89 | 252 | 78847 | 14.08 | ng | | 97 |
| 90) Dibenzo(a,h)anthracene | 21.10 | 278 | 10401m | 2.19 | ng | | |
| 91) Benzo(g,h,i)perylene | 21.44 | 276 | 36064 | 7.45 | ng | | 100 |

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

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