Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051917\
Data File : BF095304.D
Acq On : 20 May 2017 14:42
Operator : SJ/MA
Sample : I3186-01 10X
Misc :
ALS Vial : 38 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** E2-S3-WSW

**Manual Integrations APPROVED**
mohammad
5/22/2017 1:30:42 PM

Quant Time: May 22 04:39:40 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 18 17:07:53 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.77 | 152 | 79073 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 9.78 | 136 | 330946 | 20.00 | ng | 0.00 |
| 38) Acenaphthene-d10 | 12.61 | 164 | 142402 | 20.00 | ng | 0.00 |
| 63) Phenanthrene-d10 | 15.02 | 188 | 198197 | 20.00 | ng | 0.00 |
| 75) Chrysene-d12 | 18.69 | 240 | 184437 | 20.00 | ng | 0.00 |
| 86) Perylene-d12 | 20.37 | 264 | 143154 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.83 | 112 | 21928 | 4.62 | ng | 0.09 |
| 7) Phenol-d6 | 7.41 | 99 | 44365 | 7.80 | ng | 0.09 |
| 23) Nitrobenzene-d5 | 8.71 | 82 | 24341 | 4.64 | ng | 0.04 |
| 41) 2,4,6-Tribromophenol | 13.94 | 330 | 7819 | 6.70 | ng | 0.02 |
| 44) 2-Fluorobiphenyl | 11.57 | 172 | 74925 | 7.57 | ng | 0.00 |
| 78) Terphenyl-d14 | 17.34 | 244 | 43761 | 5.23 | ng | -0.01 |
| **Target Compounds** | | | | | | Qvalue |
| 70) Phenanthrene | 15.05 | 178 | 111865 | 9.82 | ng | 98 |
| 71) Anthracene | 15.15 | 178 | 24169 | 2.08 | ng | 97 |
| 74) Fluoranthene | 16.79 | 202 | 182644 | 15.64 | ng | 99 |
| 77) Pyrene | 17.10 | 202 | 156997 | 11.38 | ng | 97 |
| 80) Benzo(a)anthracene | 18.68 | 228 | 77079 | 7.18 | ng | 96 |
| 82) Chrysene | 18.72 | 228 | 79976 | 7.71 | ng | 97 |
| 85) Indeno(1,2,3-cd)pyrene | 21.71 | 276 | 25580 | 3.03 | ng | 98 |
| 87) Benzo(b)fluoranthene | 19.96 | 252 | 85684m | 9.69 | ng | |
| 88) Benzo(k)fluoranthene | 19.98 | 252 | 31591m | 3.70 | ng | |
| 89) Benzo(a)pyrene | 20.31 | 252 | 55136 | 6.75 | ng | 99 |
| 91) Benzo(g,h,i)perylene | 22.11 | 276 | 22451m | 3.39 | ng | |

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

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