Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051616\
Data File : BF087095.D
Acq On : 16 May 2016 21:48
Operator : UM/SJ
Sample : H3057-01DL 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
E-10(8.5-9)DL

**Manual Integrations APPROVED**
umangi
5/17/2016 7:16:24 PM

Quant Time: May 17 13:37:44 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 17 01:12:04 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.60 | 152 | 166081 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 7.90 | 136 | 690339 | 20.00 | ng | 0.00 |
| 38) Acenaphthene-d10 | 9.64 | 164 | 282953 | 20.00 | ng | 0.00 |
| 63) Phenanthrene-d10 | 11.12 | 188 | 454395 | 20.00 | ng | 0.00 |
| 75) Chrysene-d12 | 13.75 | 240 | 378979 | 20.00 | ng | -0.01 |
| 86) Perylene-d12 | 15.11 | 264 | 318969 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.20 | 112 | 91404 | 9.32 | ng | 0.00 |
| 7) Phenol-d6 | 6.27 | 99 | 129443 | 9.88 | ng | -0.01 |
| 23) Nitrobenzene-d5 | 7.18 | 82 | 80340 | 5.84 | ng | -0.01 |
| 41) 2,4,6-Tribromophenol | 10.43 | 330 | 21244 | 7.09 | ng | -0.01 |
| 44) 2-Fluorobiphenyl | 8.97 | 172 | 126896 | 7.54 | ng | -0.01 |
| 78) Terphenyl-d14 | 12.70 | 244 | 80757 | 4.52 | ng | -0.01 |
| **Target Compounds** | | | | | | Qvalue |
| 31) Naphthalene | 7.92 | 128 | 124037 | 3.59 | ng | 100 |
| 37) 2-Methylnaphthalene | 8.60 | 142 | 51889 | 2.57 | ng | 94 |
| 51) Acenaphthene | 9.68 | 154 | 101611 | 6.30 | ng | 98 |
| 54) Dibenzofuran | 9.85 | 168 | 125667 | 6.07 | ng | 98 |
| 57) Fluorene | 10.19 | 166 | 137089 | 7.76 | ng | 97 |
| 70) Phenanthrene | 11.15 | 178 | 1225033 | 50.52 | ng | 99 |
| 71) Anthracene | 11.20 | 178 | 410182 | 16.54 | ng | 99 |
| 72) Carbazole | 11.36 | 167 | 81744 | 3.83 | ng | 98 |
| 74) Fluoranthene | 12.33 | 202 | 1111215 | 44.55 | ng | 97 |
| 77) Pyrene | 12.56 | 202 | 1077865 | 37.15 | ng | 100 |
| 80) Benzo(a)anthracene | 13.74 | 228 | 481125 | 22.61 | ng | 99 |
| 82) Chrysene | 13.77 | 228 | 336504m | 15.55 | ng | |
| 85) Indeno(1,2,3-cd)pyrene | 16.35 | 276 | 145553 | 8.08 | ng | 93 |
| 87) Benzo(b)fluoranthene | 14.74 | 252 | 363059m | 17.51 | ng | |
| 88) Benzo(k)fluoranthene | 14.75 | 252 | 149055m | 8.78 | ng | |
| 89) Benzo(a)pyrene | 15.06 | 252 | 289724 | 16.20 | ng | 97 |
| 90) Dibenzo(a,h)anthracene | 16.37 | 278 | 32338m | 2.15 | ng | |
| 91) Benzo(g,h,i)perylene | 16.73 | 276 | 130571 | 8.53 | ng | 96 |

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

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