Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062716\
Data File : BF088482.D
Acq On : 28 Jun 2016 7:31
Operator : UM/SJ
Sample : H3602-07DL 10X
Misc :
ALS Vial : 39 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** Q8-B4(0-2)CDL

Quant Time: Jun 28 15:02:01 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 28 05:25:55 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.54 | 152 | 77000 | 20.00 | ng | | -0.01 |
| 21) Naphthalene-d8 | 7.83 | 136 | 311285 | 20.00 | ng | | -0.01 |
| 38) Acenaphthene-d10 | 9.58 | 164 | 128821 | 20.00 | ng | | -0.01 |
| 63) Phenanthrene-d10 | 11.05 | 188 | 192510 | 20.00 | ng | | -0.01 |
| 75) Chrysene-d12 | 13.68 | 240 | 168638 | 20.00 | ng | | -0.01 |
| 86) Perylene-d12 | 15.04 | 264 | 161772 | 20.00 | ng | | 0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.13 | 112 | 55910 | 12.41 | ng | | 0.00 |
| 7) Phenol-d6 | 6.22 | 99 | 75745 | 13.88 | ng | | -0.01 |
| 23) Nitrobenzene-d5 | 7.12 | 82 | 45376 | 8.51 | ng | | -0.01 |
| 41) 2,4,6-Tribromophenol | 10.36 | 330 | 9962 | 7.32 | ng | | -0.01 |
| 44) 2-Fluorobiphenyl | 8.90 | 172 | 72646 | 3.55 | ng | | -0.02 |
| 78) Terphenyl-d14 | 12.63 | 244 | 45523 | 6.14 | ng | | -0.01 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 1.69 | 88 | 74043 | 33.83 | ng | # | 87 |
| 51) Acenaphthene | 9.61 | 154 | 490907 | 59.35 | ng | | 98 |
| 54) Dibenzofuran | 9.78 | 168 | 414497 | 36.39 | ng | | 92 |
| 55) 4-Nitrophenol | 9.78 | 139 | 151702 | 79.26 | ng | # | 6 |
| 57) Fluorene | 10.12 | 166 | 410464 | 54.32 | ng | | 97 |
| 70) Phenanthrene | 11.09 | 178 | 1077673 | 106.68 | ng | | 99 |
| 71) Anthracene | 11.13 | 178 | 313179 | 30.73 | ng | | 99 |
| 72) Carbazole | 11.30 | 167 | 66414 | 6.96 | ng | | 98 |
| 74) Fluoranthene | 12.26 | 202 | 673410 | 63.17 | ng | | 99 |
| 77) Pyrene | 12.49 | 202 | 495799 | 39.62 | ng | | 99 |
| 80) Benzo(a)anthracene | 13.67 | 228 | 114053m | 11.87 | ng | | |
| 82) Chrysene | 13.71 | 228 | 79791m | 8.83 | ng | | |
| 87) Benzo(b)fluoranthene | 14.69 | 252 | 53193m | 4.72 | ng | | |
| 88) Benzo(k)fluoranthene | 14.71 | 252 | 19828m | 2.33 | ng | | |
| 89) Benzo(a)pyrene | 14.99 | 252 | 28597 | 3.13 | ng | | 97 |

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

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