Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121615\
Data File : BM003582.D
Acq On : 16 Dec 2015 17:54
Operator : UM/IZ
Sample : G4767-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** D9N28

**Manual Integrations APPROVED**
MMdadoda
12/17/2015 5:36:04 PM

Quant Time: Dec 17 06:56:52 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM121515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 17 02:56:38 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.71 | 152 | 4813 | 0.40 | ng/ul | 0.00 |
| 4) Naphthalene-d8 | 10.50 | 136 | 20236 | 0.40 | ng/ul | 0.00 |
| 8) Acenaphthene-d10 | 14.37 | 164 | 15065 | 0.40 | ng/ul | 0.00 |
| 12) Phenanthrene-d10 | 17.11 | 188 | 23554m | 0.40 | ng/ul | 0.00 |
| 18) Chrysene-d12 | 21.31 | 240 | 20472 | 0.40 | ng/ul | 0.00 |
| 22) Perylene-d12 | 23.56 | 264 | 20686m | 0.40 | ng/ul | -0.01 |
| **System Monitoring Compounds** | | | | | | |
| 2) 1,4-Dioxane-d8 | 3.17 | 96 | 23804 | 11.57 | ng/uL | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.09 | 152 | 8081 | 0.33 | ng/ul | -0.01 |
| 16) Fluoranthene-d10 | 19.14 | 212 | 16556 | 0.33 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 3) 1,4-Dioxane | 3.21 | 88 | 768 | 0.29 | ng/ul# | 100 |
| 5) Naphthalene | 10.55 | 128 | 4693288 | 102.95 | ng/ul | 97 |
| 7) 2-Methylnaphthalene | 12.16 | 142 | 1281534 | 41.87 | ng/ul | 99 |
| 9) Acenaphthylene | 14.07 | 152 | 123675 | 2.15 | ng/ul# | 90 |
| 10) Acenaphthene | 14.42 | 153 | 1839359 | 39.66 | ng/ul | 86 |
| 11) Fluorene | 15.41 | 166 | 1811049 | 35.22 | ng/ul | 84 |
| 14) Phenanthrene | 17.14 | 178 | 6325695m | 104.12 | ng/ul | |
| 15) Anthracene | 17.24 | 178 | 1108826 | 21.10 | ng/ul | 95 |
| 17) Fluoranthene | 19.18 | 202 | 3282888 | 49.76 | ng/ul | 92 |
| 19) Pyrene | 19.54 | 202 | 2307509 | 41.75 | ng/ul | 95 |
| 20) Benzo(a)anthracene | 21.29 | 228 | 469895 | 9.40 | ng/ul | 98 |
| 21) Chrysene | 21.35 | 228 | 371971 | 6.50 | ng/ul | 98 |
| 23) Benzo(b)fluoranthene | 22.88 | 252 | 202095m | 2.86 | ng/ul | |
| 24) Benzo(k)fluoranthene | 22.92 | 252 | 69386m | 1.08 | ng/ul | |
| 25) Benzo(a)pyrene | 23.46 | 252 | 119106m | 2.00 | ng/ul | |
| 26) Indeno(1,2,3-cd)pyrene | 25.83 | 276 | 32013m | 0.46 | ng/ul | |
| 27) Dibenzo(a,h)anthracene | 25.84 | 278 | 9030m | 0.16 | ng/ul | |
| 28) Benzo(g,h,i)perylene | 26.52 | 276 | 26389m | 0.44 | ng/ul | |

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

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