Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE032116\
Data File : BE091497.D
Acq On : 21 Mar 2016 13:26
Operator : UM/SJ
Sample : MDL-02-W
Misc : 0.08PPM
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_E
**ClientSampleId :** MDL-02-W

**Manual Integrations APPROVED**
mohammad
3/21/2016 6:40:07 PM

Quant Time: Mar 21 17:54:30 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 18 14:14:30 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.82 | 152 | 54482 | 5.00 | ng | | -0.02 |
| 6) Naphthalene-d8 | 10.59 | 136 | 234953 | 5.00 | ng | | -0.02 |
| 10) Acenaphthene-d10 | 14.45 | 164 | 134795 | 5.00 | ng | | 0.00 |
| 16) Phenanthrene-d10 | 17.17 | 188 | 351444 | 5.00 | ng | | -0.01 |
| 22) Chrysene-d12 | 21.33 | 240 | 491618 | 5.00 | ng | | 0.00 |
| 28) Perylene-d12 | 23.80 | 264 | 423350 | 5.00 | ng | | -0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.41 | 112 | 91843 | 7.34 | ng | | -0.01 |
| 5) Phenol-d6 | 6.97 | 99 | 121600 | 7.44 | ng | | -0.02 |
| 7) Nitrobenzene-d5 | 8.97 | 82 | 43787 | 3.47 | ng | | -0.01 |
| 11) 2,4,6-Tribromophenol | 15.92 | 330 | 30032 | 6.10 | ng | | -0.01 |
| 12) 2-Fluorobiphenyl | 13.07 | 172 | 146480 | 4.32 | ng | | 0.00 |
| 24) Terphenyl-d14 | 19.78 | 244 | 241161 | 4.08 | ng | | -0.02 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.37 | 88 | 653 | 0.10 | ng | | 86 |
| 3) n-Nitrosodimethylamine | 3.68 | 42 | 452 | 0.05 | ng | # | 91 |
| 8) Naphthalene | 10.65 | 128 | 3647 | 0.06 | ng | # | 96 |
| 9) 2-Methylnaphthalene | 12.26 | 142 | 2278 | 0.06 | ng | # | 88 |
| 13) Acenaphthylene | 14.15 | 152 | 3020m | 0.18 | ng | | |
| 14) Acenaphthene | 14.50 | 154 | 2838 | 0.07 | ng | | 92 |
| 15) Fluorene | 15.48 | 166 | 3668 | 0.07 | ng | | 99 |
| 17) Hexachlorobenzene | 16.48 | 284 | 1168 | 0.08 | ng | | 93 |
| 18) Pentachlorophenol | 16.83 | 266 | 761 | 0.29 | ng | | 92 |
| 19) Phenanthrene | 17.22 | 178 | 8058 | 0.08 | ng | | 96 |
| 20) Anthracene | 17.31 | 178 | 5888 | 0.07 | ng | | 97 |
| 21) Fluoranthene | 19.22 | 202 | 7774 | 0.07 | ng | | 96 |
| 23) Pyrene | 19.59 | 202 | 8637 | 0.07 | ng | | 98 |
| 25) Benzo(a)anthracene | 21.31 | 228 | 11675m | 0.09 | ng | | |
| 26) Chrysene | 21.36 | 228 | 13082m | 0.10 | ng | | |
| 27) Indeno(1,2,3-cd)pyrene | 26.39 | 276 | 9508 | 0.07 | ng | | 98 |
| 29) Benzo(b)fluoranthene | 23.04 | 252 | 12613 | 0.09 | ng | # | 89 |
| 30) Benzo(k)fluoranthene | 23.09 | 252 | 11048 | 0.08 | ng | # | 94 |
| 31) Benzo(a)pyrene | 23.68 | 252 | 8257 | 0.07 | ng | # | 85 |
| 32) Dibenzo(a,h)anthracene | 26.42 | 278 | 7952 | 0.07 | ng | # | 91 |
| 33) Benzo(g,h,i)perylene | 27.17 | 276 | 8424 | 0.07 | ng | | 95 |

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

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