Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050115\
Data File : BM001149.D
Acq On : 02 May 2015 02:07
Operator : TP/IZ
Sample : PB83018BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: May 04 17:04:59 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SIMPAH-BM050115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 04 16:48:07 2015
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
PB83018BS

**Manual Integrations APPROVED**
apatel
5/5/2015 8:03:43 AM

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.53 | 152 | 15405 | 5.00 | ng | | 0.00 |
| 6) Naphthalene-d8 | 10.31 | 136 | 62441 | 5.00 | ng | | 0.00 |
| 12) Acenaphthene-d10 | 14.20 | 164 | 34408 | 5.00 | ng | | 0.00 |
| 18) Phenanthrene-d10 | 16.94 | 188 | 81677 | 5.00 | ng | | 0.00 |
| 24) Chrysene-d12 | 21.15 | 240 | 60557 | 5.00 | ng | | 0.00 |
| 30) Perylene-d12 | 23.29 | 264 | 45544 | 5.00 | ng | | -0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.11 | 112 | 42992 | 14.35 | ng | | -0.01 |
| 5) Phenol-d6 | 6.71 | 99 | 58252 | 15.78 | ng | | 0.00 |
| 7) Nitrobenzene-d5 | 8.69 | 82 | 39642 | 11.21 | ng | | 0.00 |
| 13) 2,4,6-Tribromophenol | 15.69 | 330 | 25393 | 14.97 | ng | | 0.00 |
| 14) 2-Fluorobiphenyl | 12.81 | 172 | 115431 | 10.14 | ng | | 0.00 |
| 26) Terphenyl-d14 | 19.59 | 244 | 89014 | 10.66 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.01 | 88 | 11651 | 9.22 | ng | # | 75 |
| 3) n-Nitrosodimethylamine | 3.32 | 42 | 18341 | 9.73 | ng | | 99 |
| 8) Nitrobenzene | 8.73 | 77 | 43946 | 9.40 | ng | | 94 |
| 9) Naphthalene | 10.36 | 128 | 126523 | 9.22 | ng | | 99 |
| 10) Hexachlorobutadiene | 10.65 | 225 | 23931 | 9.04 | ng | | 100 |
| 11) 2-Methylnaphthalene | 11.98 | 142 | 89399m | 9.49 | ng | | |
| 15) Acenaphthylene | 13.89 | 152 | 155003 | 10.31 | ng | # | 67 |
| 16) Acenaphthene | 14.24 | 154 | 107229 | 10.32 | ng | | 89 |
| 17) Fluorene | 15.24 | 166 | 126481 | 10.49 | ng | | 99 |
| 19) Hexachlorobenzene | 16.26 | 284 | 43496 | 9.88 | ng | # | 98 |
| 20) Pentachlorophenol | 16.61 | 266 | 46164 | 23.47 | ng | | 94 |
| 21) Phenanthrene | 16.98 | 178 | 199416 | 9.48 | ng | | 100 |
| 22) Anthracene | 17.08 | 178 | 178041m | 10.24 | ng | | |
| 23) Fluoranthene | 19.01 | 202 | 207643 | 9.75 | ng | | 99 |
| 25) Pyrene | 19.38 | 202 | 216673 | 11.45 | ng | | 99 |
| 27) Benzo(a)anthracene | 21.13 | 228 | 172061 | 10.08 | ng | | 97 |
| 28) Chrysene | 21.18 | 228 | 165844 | 9.90 | ng | | 97 |
| 29) Indeno(1,2,3-cd)pyrene | 25.43 | 276 | 127731 | 8.36 | ng | | 99 |
| 31) Benzo(b)fluoranthene | 22.65 | 252 | 139744 | 9.96 | ng | | 95 |
| 32) Benzo(k)fluoranthene | 22.69 | 252 | 139763 | 10.64 | ng | | 95 |
| 33) Benzo(a)pyrene | 23.20 | 252 | 127990 | 10.82 | ng | | 99 |
| 34) Dibenzo(a,h)anthracene | 25.44 | 278 | 102404 | 9.87 | ng | | 97 |
| 35) Benzo(g,h,i)perylene | 26.09 | 276 | 105633 | 9.65 | ng | | 98 |

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

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