Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032016\
Data File : BM004705.D
Acq On : 20 Mar 2016 14:28
Operator : UM/SJ
Sample : MDL-05-W
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** MDL-05-W

Quant Time: Mar 21 02:37:46 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BM031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 19 07:50:46 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.84 | 152 | 27833 | 5.00 | ng | | 0.00 |
| 6) Naphthalene-d8 | 10.61 | 136 | 107437 | 5.00 | ng | | -0.02 |
| 10) Acenaphthene-d10 | 14.46 | 164 | 55531 | 5.00 | ng | | 0.00 |
| 16) Phenanthrene-d10 | 17.19 | 188 | 108402 | 5.00 | ng | | -0.03 |
| 22) Chrysene-d12 | 21.39 | 240 | 119930 | 5.00 | ng | | 0.00 |
| 28) Perylene-d12 | 23.69 | 264 | 96895 | 5.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.42 | 112 | 40411 | 6.29 | ng | | 0.00 |
| 5) Phenol-d6 | 6.99 | 99 | 47499 | 6.04 | ng | | 0.00 |
| 7) Nitrobenzene-d5 | 8.99 | 82 | 16005 | 3.09 | ng | | 0.00 |
| 11) 2,4,6-Tribromophenol | 15.95 | 330 | 9387 | 5.10 | ng | | 0.00 |
| 12) 2-Fluorobiphenyl | 13.09 | 172 | 69007 | 4.34 | ng | | 0.00 |
| 24) Terphenyl-d14 | 19.84 | 244 | 59037 | 3.89 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.37 | 88 | 255 | 0.02 | ng | # | 77 |
| 3) n-Nitrosodimethylamine | 3.68 | 42 | 96 | 0.03 | ng | # | 93 |
| 8) Naphthalene | 10.66 | 128 | 1431 | 0.05 | ng | # | 89 |
| 9) 2-Methylnaphthalene | 12.29 | 142 | 853 | 0.05 | ng | # | 90 |
| 13) Acenaphthylene | 14.17 | 152 | 1004 | 0.04 | ng | | 99 |
| 14) Acenaphthene | 14.53 | 154 | 1017 | 0.05 | ng | | 87 |
| 15) Fluorene | 15.53 | 166 | 908 | 0.04 | ng | # | 100 |
| 17) Hexachlorobenzene | 16.53 | 284 | 293 | 0.04 | ng | # | 100 |
| 18) Pentachlorophenol | 16.86 | 266 | 121 | 0.16 | ng | # | 75 |
| 19) Phenanthrene | 17.24 | 178 | 2090 | 0.05 | ng | # | 95 |
| 20) Anthracene | 17.34 | 178 | 1135 | 0.04 | ng | | 99 |
| 21) Fluoranthene | 19.26 | 202 | 1674 | 0.04 | ng | | 98 |
| 23) Pyrene | 19.64 | 202 | 1796 | 0.04 | ng | | 97 |
| 25) Benzo(a)anthracene | 21.37 | 228 | 1931m | 0.04 | ng | | |
| 26) Chrysene | 21.43 | 228 | 1762m | 0.05 | ng | | |
| 27) Indeno(1,2,3-cd)pyrene | 26.02 | 276 | 1520 | 0.04 | ng | | 98 |
| 29) Benzo(b)fluoranthene | 22.99 | 252 | 1664 | 0.05 | ng | # | 71 |
| 30) Benzo(k)fluoranthene | 23.04 | 252 | 1619 | 0.05 | ng | # | 69 |
| 31) Benzo(a)pyrene | 23.59 | 252 | 1361 | 0.04 | ng | # | 58 |
| 32) Dibenzo(a,h)anthracene | 26.04 | 278 | 1155 | 0.04 | ng | # | 68 |
| 33) Benzo(g,h,i)perylene | 26.73 | 276 | 1421 | 0.05 | ng | # | 84 |

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

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