Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE040216\
Data File : BE091594.D
Acq On : 1 Apr 2016 17:29
Operator : UM/SJ
Sample : PB89409BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** BNA_E
**ClientSampleId :** PB89409BS

Quant Time: Apr 01 23:50:51 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE033016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 30 18:45:59 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.82 | 152 | 40944 | 5.00 | ng | | 0.00 |
| 6) Naphthalene-d8 | 10.59 | 136 | 198295 | 5.00 | ng | | 0.00 |
| 10) Acenaphthene-d10 | 14.42 | 164 | 124641 | 5.00 | ng | | -0.03 |
| 16) Phenanthrene-d10 | 17.16 | 188 | 297430 | 5.00 | ng | | -0.01 |
| 22) Chrysene-d12 | 21.31 | 240 | 374925 | 5.00 | ng | | -0.02 |
| 28) Perylene-d12 | 23.77 | 264 | 344400 | 5.00 | ng | | -0.02 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.41 | 112 | 55883 | 5.21 | ng | | -0.01 |
| 5) Phenol-d6 | 6.97 | 99 | 85941 | 5.93 | ng | | -0.02 |
| 7) Nitrobenzene-d5 | 8.96 | 82 | 39745 | 2.99 | ng | | -0.02 |
| 11) 2,4,6-Tribromophenol | 15.91 | 330 | 34231 | 6.20 | ng | | -0.01 |
| 12) 2-Fluorobiphenyl | 13.05 | 172 | 122487 | 3.46 | ng | | -0.02 |
| 24) Terphenyl-d14 | 19.78 | 244 | 206531 | 4.34 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.35 | 88 | 12858 | 2.63 | ng | | 91 |
| 3) n-Nitrosodimethylamine | 3.65 | 42 | 20891 | 2.81 | ng | | 96 |
| 8) Naphthalene | 10.63 | 128 | 126332 | 3.08 | ng | | 97 |
| 9) 2-Methylnaphthalene | 12.24 | 142 | 95750 | 3.58 | ng | # | 85 |
| 13) Acenaphthylene | 14.14 | 152 | 181563 | 3.61 | ng | | 100 |
| 14) Acenaphthene | 14.49 | 154 | 115752 | 3.76 | ng | | 96 |
| 15) Fluorene | 15.47 | 166 | 148063 | 3.73 | ng | | 100 |
| 17) Hexachlorobenzene | 16.46 | 284 | 43082 | 3.94 | ng | | 99 |
| 18) Pentachlorophenol | 16.81 | 266 | 51596 | 8.39 | ng | | 86 |
| 19) Phenanthrene | 17.19 | 178 | 272188 | 3.91 | ng | | 99 |
| 20) Anthracene | 17.29 | 178 | 262919 | 4.09 | ng | | 100 |
| 21) Fluoranthene | 19.21 | 202 | 329970 | 4.02 | ng | | 99 |
| 23) Pyrene | 19.57 | 202 | 349453 | 4.57 | ng | | 99 |
| 25) Benzo(a)anthracene | 21.29 | 228 | 363642m | 4.13 | ng | | |
| 26) Chrysene | 21.36 | 228 | 317500m | 4.22 | ng | | |
| 27) Indeno(1,2,3-cd)pyrene | 26.33 | 276 | 371584 | 4.28 | ng | | 99 |
| 29) Benzo(b)fluoranthene | 23.01 | 252 | 337738 | 4.04 | ng | | 96 |
| 30) Benzo(k)fluoranthene | 23.06 | 252 | 356427m | 4.41 | ng | | |
| 31) Benzo(a)pyrene | 23.66 | 252 | 325661 | 4.27 | ng | # | 95 |
| 32) Dibenzo(a,h)anthracene | 26.35 | 278 | 311835 | 4.16 | ng | | 98 |
| 33) Benzo(g,h,i)perylene | 27.12 | 276 | 316768 | 4.14 | ng | | 99 |

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

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