Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM030116\
Data File : BM004514.D
Acq On : 02 Mar 2016 11:30
Operator : SJ/UM
Sample : PB88423BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** PB88423BS

Quant Time: Mar 02 15:27:44 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM030116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 02 14:46:57 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.60 | 152 | 19952 | 5.00 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.39 | 136 | 75590 | 5.00 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.26 | 164 | 38047 | 5.00 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.01 | 188 | 90711 | 5.00 | ng | | 0.00 |
| 26) Chrysene-d12 | 21.23 | 240 | 70029 | 5.00 | ng | | 0.00 |
| 35) Perylene-d12 | 23.46 | 264 | 66058 | 5.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.21 | 112 | 31743 | 7.61 | ng | | -0.03 |
| 5) Phenol-d6 | 6.80 | 99 | 39387 | 7.12 | ng | | -0.03 |
| 8) Nitrobenzene-d5 | 8.77 | 82 | 15975 | 3.98 | ng | | -0.02 |
| 14) 2,4,6-Tribromophenol | 15.77 | 330 | 9554 | 6.86 | ng | | -0.02 |
| 15) 2-Fluorobiphenyl | 12.88 | 172 | 51323 | 4.33 | ng | | 0.00 |
| 29) Terphenyl-d14 | 19.67 | 244 | 41681 | 3.99 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.10 | 88 | 6837 | 3.80 | ng | | 98 |
| 3) n-Nitrosodimethylamine | 3.41 | 42 | 5897 | 4.21 | ng | | 96 |
| 6) bis(2-Chloroethyl)ether | 7.04 | 93 | 17018 | 3.73 | ng | | 94 |
| 9) Nitrobenzene | 8.82 | 77 | 16550 | 3.62 | ng | | 100 |
| 10) Naphthalene | 10.42 | 128 | 66604 | 3.72 | ng | | 96 |
| 11) Hexachlorobutadiene | 10.72 | 225 | 11317 | 3.67 | ng | | 99 |
| 12) 2-Methylnaphthalene | 12.06 | 142 | 44576 | 4.14 | ng | | 90 |
| 16) Acenaphthylene | 13.97 | 152 | 73659 | 3.87 | ng | | 99 |
| 17) Acenaphthene | 14.33 | 154 | 40033 | 3.88 | ng | # | 75 |
| 18) Fluorene | 15.33 | 166 | 50437 | 3.97 | ng | | 99 |
| 20) 4-Bromophenyl-phenylether | 16.19 | 248 | 12447 | 3.42 | ng | # | 1 |
| 21) Hexachlorobenzene | 16.35 | 284 | 12733 | 3.88 | ng | # | 100 |
| 22) Pentachlorophenol | 16.70 | 266 | 5856 | 7.12 | ng | | 85 |
| 23) Phenanthrene | 17.06 | 178 | 74878 | 4.19 | ng | | 100 |
| 24) Anthracene | 17.14 | 178 | 75324 | 3.48 | ng | | 98 |
| 25) Fluoranthene | 19.09 | 202 | 92286 | 3.95 | ng | | 100 |
| 27) Benzidine | 19.29 | 184 | 68224 | 7.42 | ng | # | 90 |
| 28) Pyrene | 19.47 | 202 | 97607 | 4.12 | ng | | 99 |
| 30) Benzo(a)anthracene | 21.21 | 228 | 80996 | 3.74 | ng | | 99 |
| 31) 3,3'-Dichlorobenzidine | 21.16 | 252 | 30654 | 4.58 | ng | # | 88 |
| 32) Chrysene | 21.27 | 228 | 85509 | 4.20 | ng | | 99 |
| 33) Bis(2-ethylhexyl)phthalate | 21.12 | 149 | 47772 | 3.40 | ng | # | 99 |
| 34) Indeno(1,2,3-cd)pyrene | 25.69 | 276 | 84184 | 4.10 | ng | | 100 |
| 36) Benzo(b)fluoranthene | 22.79 | 252 | 85003 | 4.21 | ng | | 96 |
| 37) Benzo(k)fluoranthene | 22.84 | 252 | 85921 | 4.25 | ng | | 98 |
| 38) Benzo(a)pyrene | 23.36 | 252 | 77247 | 3.94 | ng | | 96 |
| 39) Dibenzo(a,h)anthracene | 25.69 | 278 | 66531 | 4.10 | ng | | 97 |
| 40) Benzo(g,h,i)perylene | 26.38 | 276 | 72868 | 3.96 | ng | | 98 |

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

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