Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051815\
Data File : BM001329.D
Acq On : 15 May 2015 15:56
Operator : TP/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** SSTDCCC001EC

Quant Time: May 16 01:50:29 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIMPAH-BM051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 16 01:36:33 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.43 | 152 | 14369 | 5.00 | ng | | 0.00 |
| 6) Naphthalene-d8 | 10.22 | 136 | 50550 | 5.00 | ng | | 0.00 |
| 12) Acenaphthene-d10 | 14.12 | 164 | 25982 | 5.00 | ng | | 0.00 |
| 18) Phenanthrene-d10 | 16.85 | 188 | 76993 | 5.00 | ng | | 0.00 |
| 24) Chrysene-d12 | 21.07 | 240 | 46216 | 5.00 | ng | | 0.00 |
| 30) Perylene-d12 | 23.18 | 264 | 43730 | 5.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.02 | 112 | 2741 | 0.98 | ng | | 0.00 |
| 5) Phenol-d6 | 6.63 | 99 | 3016 | 0.95 | ng | | 0.00 |
| 7) Nitrobenzene-d5 | 8.60 | 82 | 2551 | 0.90 | ng | | 0.00 |
| 13) 2,4,6-Tribromophenol | 15.63 | 330 | 560 | 0.71 | ng | | 0.03 |
| 14) 2-Fluorobiphenyl | 12.73 | 172 | 7813 | 0.97 | ng | | 0.00 |
| 26) Terphenyl-d14 | 19.51 | 244 | 5776 | 0.93 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.92 | 88 | 1437 | 0.65 | ng | # | 69 |
| 3) n-Nitrosodimethylamine | 3.24 | 42 | 1453 | 0.89 | ng | # | 98 |
| 8) Nitrobenzene | 8.64 | 77 | 2598 | 0.87 | ng | | 99 |
| 9) Naphthalene | 10.27 | 128 | 10294 | 0.96 | ng | | 98 |
| 10) Hexachlorobutadiene | 10.56 | 225 | 2032 | 0.97 | ng | | 99 |
| 11) 2-Methylnaphthalene | 11.90 | 142 | 6588 | 0.94 | ng | | 90 |
| 15) Acenaphthylene | 13.83 | 152 | 10027 | 0.94 | ng | | 100 |
| 16) Acenaphthene | 14.18 | 154 | 6481 | 0.95 | ng | | 98 |
| 17) Fluorene | 15.14 | 166 | 5472 | 0.88 | ng | | 84 |
| 19) Hexachlorobenzene | 16.18 | 284 | 3397 | 0.69 | ng | # | 85 |
| 20) Pentachlorophenol | 16.52 | 266 | 703 | 0.87 | ng | | 93 |
| 21) Phenanthrene | 16.88 | 178 | 11327 | 0.97 | ng | # | 98 |
| 22) Anthracene | 16.98 | 178 | 10523 | 0.92 | ng | # | 97 |
| 23) Fluoranthene | 18.93 | 202 | 12706 | 0.69 | ng | | 100 |
| 25) Pyrene | 19.30 | 202 | 13320 | 0.93 | ng | | 100 |
| 27) Benzo(a)anthracene | 21.06 | 228 | 11693 | 0.93 | ng | | 96 |
| 28) Chrysene | 21.10 | 228 | 12272 | 0.97 | ng | | 91 |
| 29) Indeno(1,2,3-cd)pyrene | 25.27 | 276 | 13246 | 1.02 | ng | | 100 |
| 31) Benzo(b)fluoranthene | 22.56 | 252 | 12655 | 0.99 | ng | | 97 |
| 32) Benzo(k)fluoranthene | 22.60 | 252 | 10887 | 0.89 | ng | | 98 |
| 33) Benzo(a)pyrene | 23.09 | 252 | 10450 | 0.94 | ng | | 97 |
| 34) Dibenzo(a,h)anthracene | 25.28 | 278 | 10281 | 0.99 | ng | | 99 |
| 35) Benzo(g,h,i)perylene | 25.90 | 276 | 11243 | 0.98 | ng | | 99 |

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

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