Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE063015\
Data File : BE090019.D
Acq On : 30 Jun 2015 20:19
Operator : TP/IZ
Sample : G2824-04MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_E
**ClientSampleId :** X1SB0650204-150626MSD

Quant Time: Jul 01 05:18:14 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BE062915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 30 07:01:01 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.61 | 152 | 14568 | 5.00 | ng | 0.00 |
| 6) Naphthalene-d8 | 10.37 | 136 | 64375 | 5.00 | ng | -0.01 |
| 12) Acenaphthene-d10 | 14.23 | 164 | 36108 | 5.00 | ng | 0.00 |
| 18) Phenanthrene-d10 | 16.96 | 188 | 82123 | 5.00 | ng | -0.02 |
| 25) Chrysene-d12 | 21.12 | 240 | 103067 | 5.00 | ng | -0.01 |
| 32) Perylene-d12 | 23.44 | 264 | 101456 | 5.00 | ng | -0.02 |
| **System Monitoring Compounds** | | | | | | |
| 4) 2-Fluorophenol | 5.24 | 112 | 11542 | 3.45 | ng | 0.00 |
| 5) Phenol-d6 | 6.80 | 99 | 20237 | 4.32 | ng | 0.00 |
| 7) Nitrobenzene-d5 | 8.75 | 82 | 11726 | 2.29 | ng | 0.00 |
| 13) 2,4,6-Tribromophenol | 15.73 | 330 | 6189 | 5.85 | ng | 0.00 |
| 14) 2-Fluorobiphenyl | 12.85 | 172 | 27944 | 2.58 | ng | -0.01 |
| 27) Terphenyl-d14 | 19.58 | 244 | 45967 | 2.68 | ng | -0.01 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.23 | 88 | 2874 | 1.44 | ng | 99 |
| 3) n-Nitrosodimethylamine | 3.52 | 42 | 4597 | 1.70 | ng | 85 |
| 8) Nitrobenzene | 8.79 | 77 | 12390 | 2.28 | ng | 97 |
| 9) Naphthalene | 10.42 | 128 | 32889 | 2.26 | ng | 99 |
| 10) Hexachlorobutadiene | 10.72 | 225 | 4953 | 2.17 | ng | 99 |
| 11) 2-Methylnaphthalene | 12.04 | 142 | 23702 | 2.44 | ng | 99 |
| 15) Acenaphthylene | 13.94 | 152 | 166476 | 2.56 | ng | 99 |
| 16) Acenaphthene | 14.28 | 154 | 24409 | 2.60 | ng | 97 |
| 17) Fluorene | 15.27 | 166 | 33851 | 2.65 | ng | 99 |
| 19) 4-Bromophenyl-phenylether | 16.18 | 248 | 9332 | 2.67 | ng | 90 |
| 20) Hexachlorobenzene | 16.28 | 284 | 38274 | 2.63 | ng | 98 |
| 21) Pentachlorophenol | 16.63 | 266 | 9679 | 5.29 | ng | 97 |
| 22) Phenanthrene | 17.01 | 178 | 53744 | 2.55 | ng | 100 |
| 23) Anthracene | 17.10 | 178 | 54775 | 2.85 | ng | 99 |
| 24) Fluoranthene | 19.01 | 202 | 66331 | 2.82 | ng | 100 |
| 26) Pyrene | 19.37 | 202 | 71176 | 2.90 | ng | 99 |
| 28) Benzo(a)anthracene | 21.11 | 228 | 73724 | 2.86 | ng | 99 |
| 29) Chrysene | 21.15 | 228 | 72661 | 2.72 | ng | 97 |
| 30) Bis(2-ethylhexyl)phthalate | 21.05 | 149 | 46189 | 3.97 | ng | 99 |
| 31) Indeno(1,2,3-cd)pyrene | 25.84 | 276 | 81280 | 3.17 | ng | 98 |
| 33) Benzo(b)fluoranthene | 22.73 | 252 | 72714 | 3.25 | ng | 99 |
| 34) Benzo(k)fluoranthene | 22.78 | 252 | 74117 | 2.96 | ng | 99 |
| 35) Benzo(a)pyrene | 23.33 | 252 | 69369 | 3.36 | ng | 99 |
| 36) Dibenzo(a,h)anthracene | 25.86 | 278 | 67271 | 3.17 | ng | 99 |
| 37) Benzo(g,h,i)perylene | 26.58 | 276 | 68409 | 3.18 | ng | 98 |

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

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