Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE080515\
Data File : BE090368.D
Acq On : 5 Aug 2015 20:29
Operator : TP/UM
Sample : SSTDICC010
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
MMDadoda
8/10/2015 10:10:40 AM

Quant Time: Aug 06 02:14:12 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE080515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 01:43:02 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.58 | 152 | 38952 | 5.00 | ng | | 0.00 |
| 6) Naphthalene-d8 | 10.34 | 136 | 181131 | 5.00 | ng | | 0.00 |
| 12) Acenaphthene-d10 | 14.20 | 164 | 104442 | 5.00 | ng | | 0.00 |
| 18) Phenanthrene-d10 | 16.94 | 188 | 239169 | 5.00 | ng | | 0.00 |
| 25) Chrysene-d12 | 21.10 | 240 | 296330 | 5.00 | ng | | 0.00 |
| 32) Perylene-d12 | 23.41 | 264 | 275322 | 5.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.22 | 112 | 76230 | 10.62 | ng | | 0.00 |
| 5) Phenol-d6 | 6.76 | 99 | 131041 | 14.23 | ng | | -0.01 |
| 7) Nitrobenzene-d5 | 8.72 | 82 | 153597 | 14.18 | ng | | -0.01 |
| 13) 2,4,6-Tribromophenol | 15.69 | 330 | 35724 | 12.96 | ng | | -0.02 |
| 14) 2-Fluorobiphenyl | 12.82 | 172 | 297635 | 9.89 | ng | | 0.00 |
| 27) Terphenyl-d14 | 19.56 | 244 | 470066 | 8.77 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.20 | 88 | 45405 | 10.26 | ng | | 98 |
| 3) n-Nitrosodimethylamine | 3.48 | 42 | 67096 | 10.32 | ng | # | 87 |
| 8) Nitrobenzene | 8.76 | 77 | 163840 | 14.69 | ng | | 94 |
| 9) Naphthalene | 10.38 | 128 | 376605 | 9.64 | ng | | 98 |
| 10) Hexachlorobutadiene | 10.69 | 225 | 60315 | 11.13 | ng | | 100 |
| 11) 2-Methylnaphthalene | 12.00 | 142 | 257797 | 10.80 | ng | | 98 |
| 15) Acenaphthylene | 13.91 | 152 | 1840706 | 10.19 | ng | | 99 |
| 16) Acenaphthene | 14.26 | 154 | 256596 | 9.72 | ng | | 86 |
| 17) Fluorene | 15.26 | 166 | 336218 | 10.31 | ng | | 98 |
| 19) 4-Bromophenyl-phenylether | 16.14 | 248 | 102625 | 11.45 | ng | | 97 |
| 20) Hexachlorobenzene | 16.27 | 284 | 443222 | 12.42 | ng | | 98 |
| 21) Pentachlorophenol | 16.60 | 266 | 44420 | 11.78 | ng | # | 89 |
| 22) Phenanthrene | 16.98 | 178 | 570609 | 10.31 | ng | | 100 |
| 23) Anthracene | 17.07 | 178 | 555253 | 11.35 | ng | | 100 |
| 24) Fluoranthene | 18.98 | 202 | 656986 | 11.87 | ng | | 99 |
| 26) Pyrene | 19.35 | 202 | 692170 | 8.96 | ng | | 99 |
| 28) Benzo(a)anthracene | 21.09 | 228 | 706163 | 12.29 | ng | | 98 |
| 29) Chrysene | 21.13 | 228 | 723202 | 10.85 | ng | | 98 |
| 30) Bis(2-ethylhexyl)phthalate | 21.03 | 149 | 330370 | 9.45 | ng | | 98 |
| 31) Indeno(1,2,3-cd)pyrene | 25.79 | 276 | 752186 | 13.10 | ng | | 96 |
| 33) Benzo(b)fluoranthene | 22.70 | 252 | 640984 | 11.55 | ng | | 98 |
| 34) Benzo(k)fluoranthene | 22.75 | 252 | 803077m | 10.84 | ng | | |
| 35) Benzo(a)pyrene | 23.30 | 252 | 613088 | 12.03 | ng | | 100 |
| 36) Dibenzo(a,h)anthracene | 25.81 | 278 | 607524 | 12.44 | ng | | 97 |
| 37) Benzo(g,h,i)perylene | 26.53 | 276 | 636624 | 12.10 | ng | | 98 |

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

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