Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE052516\
Data File : BE091871.D
Acq On : 25 May 2016 22:58
Operator : UM/SJ
Sample : PB90774BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: May 26 01:58:47 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE052516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 25 19:42:30 2016
Response via : Initial Calibration

**Instrument :**
BNA_E
**ClientSampleId :**
PB90774BS

**Manual Integrations APPROVED**

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5/26/2016 6:45:54 PM

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.78 | 152 | 28539 | 5.00 | ng | | 0.00 |
| 8) Naphthalene-d8 | 10.55 | 136 | 146916 | 5.00 | ng | | 0.00 |
| 15) Acenaphthene-d10 | 14.40 | 164 | 94070 | 5.00 | ng | | 0.00 |
| 24) Phenanthrene-d10 | 17.14 | 188 | 264663 | 5.00 | ng | | 0.00 |
| 31) Chrysene-d12 | 21.29 | 240 | 275047 | 5.00 | ng | | 0.00 |
| 40) Perylene-d12 | 23.71 | 264 | 245453 | 5.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.38 | 112 | 52165 | 6.39 | ng | | -0.02 |
| 5) Phenol-d6 | 6.95 | 99 | 80543 | 7.53 | ng | | 0.00 |
| 9) Nitrobenzene-d5 | 8.91 | 82 | 44127 | 3.70 | ng | | -0.02 |
| 16) 2,4,6-Tribromophenol | 15.87 | 330 | 31038 | 7.40 | ng | | -0.02 |
| 17) 2-Fluorobiphenyl | 13.01 | 172 | 104432 | 3.73 | ng | | -0.02 |
| 34) Terphenyl-d14 | 19.74 | 244 | 182079 | 4.38 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.32 | 88 | 12401 | 3.47 | ng | | 96 |
| 3) n-Nitrosodimethylamine | 3.61 | 42 | 19620 | 3.75 | ng | | 93 |
| 6) bis(2-Chloroethyl)ether | 7.20 | 93 | 34150 | 3.81 | ng | | 99 |
| 7) n-Nitroso-di-n-propylamine | 8.57 | 70 | 33733 | 4.07 | ng | # | 90 |
| 10) Nitrobenzene | 8.96 | 77 | 45291 | 3.91 | ng | # | 99 |
| 11) bis(2-Chloroethoxy)methane | 9.96 | 93 | 56164 | 4.03 | ng | # | 13 |
| 12) Naphthalene | 10.61 | 128 | 118387 | 3.73 | ng | | 97 |
| 13) Hexachlorobutadiene | 10.90 | 225 | 17326 | 3.55 | ng | | 99 |
| 14) 2-Methylnaphthalene | 12.22 | 142 | 89232 | 4.21 | ng | # | 88 |
| 18) Acenaphthylene | 14.10 | 152 | 170238 | 4.11 | ng | # | 91 |
| 19) 2,6-Dinitrotoluene | 13.96 | 165 | 28593 | 4.46 | ng | # | 85 |
| 20) Acenaphthene | 14.44 | 154 | 101958 | 4.58 | ng | | 93 |
| 21) 2,4-Dinitrotoluene | 14.76 | 165 | 35516 | 4.02 | ng | # | 1 |
| 22) Fluorene | 15.44 | 166 | 125842 | 3.81 | ng | | 99 |
| 23) 4-Chlorophenyl-phenylether | 15.44 | 204 | 59019 | 4.14 | ng | | 98 |
| 25) 4-Bromophenyl-phenylether | 16.31 | 248 | 37378 | 3.95 | ng | | 98 |
| 26) Hexachlorobenzene | 16.44 | 284 | 38055m | 4.22 | ng | | |
| 27) Pentachlorophenol | 16.78 | 266 | 40036 | 11.51 | ng | | 91 |
| 28) Phenanthrene | 17.17 | 178 | 225342 | 4.54 | ng | | 99 |
| 29) Anthracene | 17.26 | 178 | 221958 | 4.20 | ng | | 100 |
| 30) Fluoranthene | 19.17 | 202 | 254099 | 4.33 | ng | | 100 |
| 32) Benzidine | 19.36 | 184 | 125269 | 4.98 | ng | # | 94 |
| 33) Pyrene | 19.53 | 202 | 281714 | 4.83 | ng | | 99 |
| 35) Benzo(a)anthracene | 21.27 | 228 | 315541m | 4.30 | ng | | |
| 36) 3,3'-Dichlorobenzidine | 21.20 | 252 | 68820 | 1.71 | ng | # | 62 |
| 37) Chrysene | 21.31 | 228 | 274020m | 5.16 | ng | | |
| 38) Bis(2-ethylhexyl)phthalate | 21.17 | 149 | 118256 | 4.44 | ng | # | 100 |
| 39) Indeno(1,2,3-cd)pyrene | 26.26 | 276 | 295319 | 4.29 | ng | | 100 |
| 41) Benzo(b)fluoranthene | 22.96 | 252 | 264089 | 3.99 | ng | | 97 |
| 42) Benzo(k)fluoranthene | 23.02 | 252 | 274402 | 4.56 | ng | | 98 |
| 43) Benzo(a)pyrene | 23.60 | 252 | 260154 | 4.33 | ng | | 95 |
| 44) Dibenzo(a,h)anthracene | 26.27 | 278 | 244888 | 4.26 | ng | | 97 |
| 45) Benzo(g,h,i)perylene | 27.03 | 276 | 248389 | 4.26 | ng | | 99 |

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

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