Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081815\
Data File : BE090555.D
Acq On : 18 Aug 2015 15:43
Operator : UM/IZ
Sample : PB85070BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** BNA_E
**ClientSampleId :** PB85070BS

Quant Time: Aug 19 02:31:36 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE081415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 19 02:30:21 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.58 | 152 | 23974 | 5.00 | ng | | 0.00 |
| 6) Naphthalene-d8 | 10.33 | 136 | 123302 | 5.00 | ng | | 0.00 |
| 12) Acenaphthene-d10 | 14.19 | 164 | 67027 | 5.00 | ng | | 0.00 |
| 18) Phenanthrene-d10 | 16.93 | 188 | 142875 | 5.00 | ng | | -0.02 |
| 25) Chrysene-d12 | 21.09 | 240 | 144000 | 5.00 | ng | | 0.00 |
| 32) Perylene-d12 | 23.40 | 264 | 129604 | 5.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.22 | 112 | 41730 | 6.02 | ng | | 0.00 |
| 5) Phenol-d6 | 6.77 | 99 | 64960 | 6.37 | ng | | 0.00 |
| 7) Nitrobenzene-d5 | 8.72 | 82 | 29227 | 2.97 | ng | | 0.00 |
| 13) 2,4,6-Tribromophenol | 15.69 | 330 | 18284 | 7.09 | ng | | -0.02 |
| 14) 2-Fluorobiphenyl | 12.81 | 172 | 58464 | 2.92 | ng | | 0.00 |
| 27) Terphenyl-d14 | 19.55 | 244 | 85017 | 3.23 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.20 | 88 | 8165 | 2.98 | ng | | 95 |
| 3) n-Nitrosodimethylamine | 3.49 | 42 | 11123 | 2.69 | ng | # | 73 |
| 8) Nitrobenzene | 8.76 | 77 | 29396 | 2.89 | ng | | 93 |
| 9) Naphthalene | 10.38 | 128 | 76154 | 2.72 | ng | | 98 |
| 10) Hexachlorobutadiene | 10.68 | 225 | 10875 | 2.64 | ng | | 99 |
| 11) 2-Methylnaphthalene | 12.00 | 142 | 51785 | 2.84 | ng | | 97 |
| 15) Acenaphthylene | 13.91 | 152 | 345193 | 2.82 | ng | | 100 |
| 16) Acenaphthene | 14.25 | 154 | 52182 | 2.83 | ng | # | 77 |
| 17) Fluorene | 15.24 | 166 | 66971 | 2.97 | ng | | 97 |
| 19) 4-Bromophenyl-phenylether | 16.14 | 248 | 18078 | 3.10 | ng | | 80 |
| 20) Hexachlorobenzene | 16.25 | 284 | 79002 | 3.05 | ng | | 96 |
| 21) Pentachlorophenol | 16.60 | 266 | 18094 | 5.79 | ng | | 91 |
| 22) Phenanthrene | 16.98 | 178 | 111091 | 2.96 | ng | | 100 |
| 23) Anthracene | 17.07 | 178 | 112438 | 3.26 | ng | | 100 |
| 24) Fluoranthene | 18.98 | 202 | 129008 | 3.23 | ng | | 99 |
| 26) Pyrene | 19.34 | 202 | 136422 | 3.31 | ng | | 99 |
| 28) Benzo(a)anthracene | 21.08 | 228 | 120314 | 3.17 | ng | | 99 |
| 29) Chrysene | 21.13 | 228 | 122947 | 3.18 | ng | | 97 |
| 30) Bis(2-ethylhexyl)phthalate | 21.03 | 149 | 75643 | 3.39 | ng | | 98 |
| 31) Indeno(1,2,3-cd)pyrene | 25.77 | 276 | 117680 | 3.23 | ng | # | 92 |
| 33) Benzo(b)fluoranthene | 22.69 | 252 | 107719 | 3.51 | ng | | 98 |
| 34) Benzo(k)fluoranthene | 22.74 | 252 | 114712 | 3.30 | ng | | 98 |
| 35) Benzo(a)pyrene | 23.29 | 252 | 101706 | 3.54 | ng | | 98 |
| 36) Dibenzo(a,h)anthracene | 25.79 | 278 | 93483 | 3.37 | ng | | 97 |
| 37) Benzo(g,h,i)perylene | 26.51 | 276 | 103365 | 3.41 | ng | | 95 |

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

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