Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE050917\
Data File : BE092963.D
Acq On : 9 May 2017 14:10
Operator : SJ/MA
Sample : PB98776BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :** BNA_E
**ClientSampleId :** PB98776BSD

Quant Time: May 09 17:13:57 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE050517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 09 15:34:16 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.77 | 152 | 1035 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.52 | 136 | 3875 | 0.40 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.39 | 164 | 1635 | 0.40 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.13 | 188 | 3400 | 0.40 | ng | | 0.00 |
| 26) Chrysene-d12 | 21.28 | 240 | 3719 | 0.40 | ng | | 0.00 |
| 33) Perylene-d12 | 23.70 | 264 | 3418 | 0.40 | ng | | 0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.36 | 112 | 854 | 0.37 | ng | | 0.00 |
| 5) Phenol-d6 | 6.94 | 99 | 969 | 0.30 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.90 | 82 | 898 | 0.34 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.13 | 152 | 1687 | 0.29 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.88 | 330 | 101 | 0.39 | ng | | 0.01 |
| 15) 2-Fluorobiphenyl | 13.01 | 172 | 2065 | 0.27 | ng | | 0.00 |
| 24) Fluoranthene-d10 | 19.15 | 212 | 2510 | 0.32 | ng | | 0.00 |
| 28) Terphenyl-d14 | 19.76 | 244 | 1663 | 0.26 | ng | | 0.02 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.32 | 88 | 411 | 0.21 | ng | # | 82 |
| 3) n-Nitrosodimethylamine | 3.61 | 42 | 500 | 0.33 | ng | # | 84 |
| 6) bis(2-Chloroethyl)ether | 7.20 | 93 | 1068 | 0.28 | ng | | 99 |
| 9) Naphthalene | 10.58 | 128 | 3060 | 0.30 | ng | # | 87 |
| 10) Hexachlorobutadiene | 10.89 | 225 | 444 | 0.31 | ng | | 96 |
| 12) 2-Methylnaphthalene | 12.19 | 142 | 1781 | 0.28 | ng | | 95 |
| 16) Acenaphthylene | 14.10 | 152 | 8297 | 0.32 | ng | | 98 |
| 17) Acenaphthene | 14.44 | 154 | 1550 | 0.30 | ng | | 96 |
| 18) Fluorene | 15.43 | 166 | 1801 | 0.28 | ng | | 98 |
| 20) Hexachlorobenzene | 16.47 | 284 | 514 | 0.35 | ng | # | 100 |
| 21) Pentachlorophenol | 16.81 | 266 | 231 | 0.79 | ng | # | 81 |
| 22) Phenanthrene | 17.18 | 178 | 3068 | 0.32 | ng | | 97 |
| 23) Anthracene | 17.27 | 178 | 2371 | 0.33 | ng | | 98 |
| 25) Fluoranthene | 19.17 | 202 | 13384 | 0.32 | ng | # | 95 |
| 27) Pyrene | 19.53 | 202 | 13354 | 0.28 | ng | # | 100 |
| 29) Benzo(a)anthracene | 21.27 | 228 | 2638 | 0.30 | ng | # | 83 |
| 30) Chrysene | 21.32 | 228 | 3671 | 0.33 | ng | # | 85 |
| 31) Bis(2-ethylhexyl)phthalate | 21.20 | 149 | 795 | 0.33 | ng | # | 94 |
| 32) Indeno(1,2,3-cd)pyrene | 26.24 | 276 | 15069 | 0.38 | ng | | 99 |
| 34) Benzo(b)fluoranthene | 22.96 | 252 | 3443 | 0.31 | ng | # | 87 |
| 35) Benzo(k)fluoranthene | 23.01 | 252 | 3404 | 0.30 | ng | # | 83 |
| 36) Benzo(a)pyrene | 23.58 | 252 | 2855 | 0.31 | ng | # | 77 |
| 37) Dibenzo(a,h)anthracene | 26.27 | 278 | 2962 | 0.29 | ng | # | 82 |
| 38) Benzo(g,h,i)perylene | 27.00 | 276 | 13882 | 0.32 | ng | # | 83 |

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

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