Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE082715\
Data File : BE090647.D
Acq On : 27 Aug 2015 12:23
Operator : UM/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_E
**ClientSampleId :** SSTDCCC001

Quant Time: Aug 27 22:51:02 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE081415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 14 16:52:42 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.57 | 152 | 19003 | 5.00 | ng | | 0.00 |
| 6) Naphthalene-d8 | 10.33 | 136 | 86351 | 5.00 | ng | | 0.00 |
| 12) Acenaphthene-d10 | 14.19 | 164 | 50673 | 5.00 | ng | | 0.00 |
| 18) Phenanthrene-d10 | 16.94 | 188 | 129096 | 5.00 | ng | | 0.00 |
| 25) Chrysene-d12 | 21.09 | 240 | 143596 | 5.00 | ng | | 0.00 |
| 32) Perylene-d12 | 23.40 | 264 | 122875 | 5.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.21 | 112 | 3761 | 0.68 | ng | | 0.00 |
| 5) Phenol-d6 | 6.77 | 99 | 5199 | 0.64 | ng | | 0.00 |
| 7) Nitrobenzene-d5 | 8.72 | 82 | 5645 | 0.82 | ng | | 0.00 |
| 13) 2,4,6-Tribromophenol | 15.71 | 330 | 1361 | 0.70 | ng | | 0.00 |
| 14) 2-Fluorobiphenyl | 12.82 | 172 | 12889 | 0.85 | ng | | 0.00 |
| 27) Terphenyl-d14 | 19.56 | 244 | 21736 | 0.83 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.18 | 88 | 2683 | 1.18 | ng | | 97 |
| 3) n-Nitrosodimethylamine | 3.48 | 42 | 3115 | 0.95 | ng | | 83 |
| 8) Nitrobenzene | 8.77 | 77 | 5786 | 0.81 | ng | | 98 |
| 9) Naphthalene | 10.38 | 128 | 18369 | 0.94 | ng | | 99 |
| 10) Hexachlorobutadiene | 10.67 | 225 | 2890 | 1.00 | ng | | 99 |
| 11) 2-Methylnaphthalene | 12.01 | 142 | 11087 | 0.87 | ng | | 98 |
| 15) Acenaphthylene | 13.91 | 152 | 79551 | 0.86 | ng | | 100 |
| 16) Acenaphthene | 14.25 | 154 | 13012 | 0.93 | ng | | 83 |
| 17) Fluorene | 15.26 | 166 | 16960 | 0.99 | ng | | 97 |
| 19) 4-Bromophenyl-phenylether | 16.14 | 248 | 4629 | 0.88 | ng | | 83 |
| 20) Hexachlorobenzene | 16.25 | 284 | 22361 | 0.96 | ng | | 97 |
| 21) Pentachlorophenol | 16.61 | 266 | 1194 | 0.70 | ng | | 97 |
| 22) Phenanthrene | 16.98 | 178 | 31197 | 0.92 | ng | | 100 |
| 23) Anthracene | 17.07 | 178 | 27795 | 0.89 | ng | | 100 |
| 24) Fluoranthene | 18.98 | 202 | 32737 | 0.91 | ng | | 99 |
| 26) Pyrene | 19.34 | 202 | 34945 | 0.85 | ng | | 100 |
| 28) Benzo(a)anthracene | 21.07 | 228 | 30928 | 0.82 | ng | | 99 |
| 29) Chrysene | 21.13 | 228 | 38273 | 0.99 | ng | | 99 |
| 30) Bis(2-ethylhexyl)phthalate | 21.02 | 149 | 9236 | 0.54 | ng | | 99 |
| 31) Indeno(1,2,3-cd)pyrene | 25.80 | 276 | 27204 | 0.75 | ng | # | 92 |
| 33) Benzo(b)fluoranthene | 22.70 | 252 | 25379 | 0.87 | ng | | 99 |
| 34) Benzo(k)fluoranthene | 22.74 | 252 | 31461 | 0.95 | ng | | 99 |
| 35) Benzo(a)pyrene | 23.29 | 252 | 22646 | 0.83 | ng | # | 97 |
| 36) Dibenzo(a,h)anthracene | 25.81 | 278 | 20495 | 0.78 | ng | | 98 |
| 37) Benzo(g,h,i)perylene | 26.52 | 276 | 23805 | 0.83 | ng | | 96 |

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

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