Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE040417\
Data File : BE092880.D
Acq On : 4 Apr 2017 12:18
Operator : SJ/MA
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** BNA_E
**ClientSampleId :** SSTDICCC0.4

Quant Time: Apr 04 13:40:43 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE040417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 04 13:37:15 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.77 | 152 | 7817 | 5.00 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.54 | 136 | 33429 | 5.00 | ng | | 0.00 |
| 12) Acenaphthene-d10 | 14.38 | 164 | 15890 | 5.00 | ng | | 0.00 |
| 18) Phenanthrene-d10 | 17.13 | 188 | 37995 | 5.00 | ng | | 0.00 |
| 24) Chrysene-d12 | 21.28 | 240 | 44092 | 5.00 | ng | | 0.00 |
| 31) Perylene-d12 | 23.70 | 264 | 39096 | 5.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.36 | 112 | 578 | 0.32 | ng | | 0.00 |
| 5) Phenol-d6 | 6.95 | 99 | 797 | 0.30 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.90 | 82 | 688 | 0.36 | ng | | 0.00 |
| 13) 2,4,6-Tribromophenol | 15.87 | 330 | 69 | 0.28 | ng | | 0.00 |
| 14) 2-Fluorobiphenyl | 13.02 | 172 | 2192 | 0.42 | ng | | 0.00 |
| 26) Terphenyl-d14 | 19.74 | 244 | 2597 | 0.34 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.31 | 88 | 422 | 0.40 | ng | | 91 |
| 3) n-Nitrosodimethylamine | 3.61 | 42 | 395 | 0.37 | ng | # | 85 |
| 6) bis(2-Chloroethyl)ether | 7.20 | 93 | 991 | 0.39 | ng | # | 52 |
| 9) Naphthalene | 10.58 | 128 | 2963 | 0.40 | ng | | 99 |
| 10) Hexachlorobutadiene | 10.89 | 225 | 398 | 0.41 | ng | | 100 |
| 11) 2-Methylnaphthalene | 12.21 | 142 | 1785 | 0.38 | ng | # | 87 |
| 15) Acenaphthylene | 14.09 | 152 | 7982 | 0.33 | ng | | 100 |
| 16) Acenaphthene | 14.45 | 154 | 1798 | 0.41 | ng | | 98 |
| 17) Fluorene | 15.44 | 166 | 1951 | 0.38 | ng | | 98 |
| 19) Hexachlorobenzene | 16.47 | 284 | 574 | 0.41 | ng | # | 63 |
| 20) Pentachlorophenol | 16.79 | 266 | 101 | 0.28 | ng | # | 90 |
| 21) Phenanthrene | 17.18 | 178 | 3919 | 0.42 | ng | | 96 |
| 22) Anthracene | 17.27 | 178 | 2929 | 0.35 | ng | | 99 |
| 23) Fluoranthene | 19.16 | 202 | 13918 | 0.33 | ng | | 99 |
| 25) Pyrene | 19.54 | 202 | 14692 | 0.34 | ng | | 99 |
| 27) Benzo(a)anthracene | 21.26 | 228 | 3260 | 0.31 | ng | # | 91 |
| 28) Chrysene | 21.31 | 228 | 4620 | 0.42 | ng | # | 75 |
| 29) Bis(2-ethylhexyl)phthalate | 21.21 | 149 | 717 | 0.22 | ng | # | 73 |
| 30) Indeno(1,2,3-cd)pyrene | 26.23 | 276 | 14287 | 0.34 | ng | # | 93 |
| 32) Benzo(b)fluoranthene | 22.96 | 252 | 3603 | 0.35 | ng | | 96 |
| 33) Benzo(k)fluoranthene | 23.01 | 252 | 3109 | 0.33 | ng | # | 97 |
| 34) Benzo(a)pyrene | 23.59 | 252 | 2628 | 0.31 | ng | # | 95 |
| 35) Dibenzo(a,h)anthracene | 26.25 | 278 | 3144 | 0.34 | ng | # | 93 |
| 36) Benzo(g,h,i)perylene | 27.00 | 276 | 13279 | 0.35 | ng | # | 92 |

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

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