Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080916\
Data File : BE092242.D
Acq On : 9 Aug 2016 23:40
Operator : UM/SJ
Sample : SSTDICC0.1
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_E
**ClientSampleId :** SSTDICC0.1

**Manual Integrations APPROVED**
sohil
8/10/2016 6:48:14 PM

Quant Time: Aug 10 04:52:04 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE080916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 10 04:43:27 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.17 | 152 | 11321 | 5.00 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.97 | 136 | 55296 | 5.00 | ng | | 0.00 |
| 12) Acenaphthene-d10 | 14.83 | 164 | 31918 | 5.00 | ng | | 0.00 |
| 18) Phenanthrene-d10 | 17.56 | 188 | 74832 | 5.00 | ng | | 0.00 |
| 24) Chrysene-d12 | 21.75 | 240 | 69709 | 5.00 | ng | | 0.00 |
| 31) Perylene-d12 | 24.13 | 264 | 74318 | 5.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.71 | 112 | 252 | 0.10 | ng | | 0.00 |
| 5) Phenol-d6 | 7.38 | 99 | 350 | 0.10 | ng | | 0.02 |
| 8) Nitrobenzene-d5 | 9.36 | 82 | 419 | 0.11 | ng | | 0.00 |
| 13) 2,4,6-Tribromophenol | 16.34 | 330 | 85 | 0.09 | ng | | 0.01 |
| 14) 2-Fluorobiphenyl | 13.48 | 172 | 1123 | 0.11 | ng | | 0.01 |
| 26) Terphenyl-d14 | 20.21 | 244 | 1303 | 0.11 | ng | | 0.02 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.44 | 88 | 197 | 0.14 | ng | | 95 |
| 3) n-Nitrosodimethylamine | 3.84 | 42 | 144 | 0.08 | ng | # | 6 |
| 6) bis(2-Chloroethyl)ether | 7.61 | 93 | 253 | 0.09 | ng | # | 33 |
| 9) Naphthalene | 11.03 | 128 | 1457 | 0.12 | ng | # | 89 |
| 10) Hexachlorobutadiene | 11.32 | 225 | 211 | 0.12 | ng | | 98 |
| 11) 2-Methylnaphthalene | 12.68 | 142 | 821 | 0.11 | ng | # | 96 |
| 15) Acenaphthylene | 14.54 | 152 | 6034 | 0.11 | ng | | 100 |
| 16) Acenaphthene | 14.90 | 154 | 1123 | 0.13 | ng | | 86 |
| 17) Fluorene | 15.89 | 166 | 1185 | 0.11 | ng | | 100 |
| 19) Hexachlorobenzene | 16.89 | 284 | 395 | 0.13 | ng | # | 100 |
| 20) Pentachlorophenol | 17.26 | 266 | 48 | 0.06 | ng | | 93 |
| 21) Phenanthrene | 17.60 | 178 | 2417 | 0.12 | ng | | 97 |
| 22) Anthracene | 17.70 | 178 | 2010m | 0.11 | ng | | |
| 23) Fluoranthene | 19.63 | 202 | 8467 | 0.11 | ng | | 100 |
| 25) Pyrene | 19.98 | 202 | 9035 | 0.11 | ng | | 99 |
| 27) Benzo(a)anthracene | 21.73 | 228 | 9674 | 0.12 | ng | | 98 |
| 28) Chrysene | 21.77 | 228 | 9986m | 0.13 | ng | | |
| 29) Bis(2-ethylhexyl)phthalate | 21.63 | 149 | 970 | 0.09 | ng | # | 97 |
| 30) Indeno(1,2,3-cd)pyrene | 26.65 | 276 | 9174 | 0.11 | ng | | 98 |
| 32) Benzo(b)fluoranthene | 23.39 | 252 | 2271 | 0.12 | ng | # | 88 |
| 33) Benzo(k)fluoranthene | 23.45 | 252 | 2083 | 0.10 | ng | # | 88 |
| 34) Benzo(a)pyrene | 24.02 | 252 | 2008 | 0.11 | ng | # | 86 |
| 35) Dibenzo(a,h)anthracene | 26.68 | 278 | 1837 | 0.11 | ng | # | 85 |
| 36) Benzo(g,h,i)perylene | 27.42 | 276 | 8297 | 0.11 | ng | # | 91 |

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

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