Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080916\
Data File : BE092237.D
Acq On : 9 Aug 2016 20:38
Operator : UM/SJ
Sample : SSTDICC0.8
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** BNA_E
**ClientSampleId :** SSTDICC0.8

**Manual Integrations APPROVED**
sohil
8/10/2016 6:47:38 PM

Quant Time: Aug 10 04:48:54 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 | 11454 | 5.00 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.97 | 136 | 54621 | 5.00 | ng | | 0.00 |
| 12) Acenaphthene-d10 | 14.83 | 164 | 31078 | 5.00 | ng | | 0.00 |
| 18) Phenanthrene-d10 | 17.56 | 188 | 74791 | 5.00 | ng | | 0.00 |
| 24) Chrysene-d12 | 21.73 | 240 | 67845 | 5.00 | ng | | -0.02 |
| 31) Perylene-d12 | 24.13 | 264 | 70060 | 5.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.70 | 112 | 1851 | 0.74 | ng | | 0.00 |
| 5) Phenol-d6 | 7.34 | 99 | 2622 | 0.73 | ng | | -0.02 |
| 8) Nitrobenzene-d5 | 9.34 | 82 | 2826 | 0.73 | ng | | -0.02 |
| 13) 2,4,6-Tribromophenol | 16.33 | 330 | 635 | 0.68 | ng | | 0.00 |
| 14) 2-Fluorobiphenyl | 13.46 | 172 | 7548 | 0.79 | ng | | -0.01 |
| 26) Terphenyl-d14 | 20.19 | 244 | 8664 | 0.76 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.44 | 88 | 1112 | 0.76 | ng | | 95 |
| 3) n-Nitrosodimethylamine | 3.80 | 42 | 1435 | 0.81 | ng | # | 99 |
| 6) bis(2-Chloroethyl)ether | 7.59 | 93 | 2435 | 0.83 | ng | | 93 |
| 9) Naphthalene | 11.01 | 128 | 9618 | 0.79 | ng | # | 94 |
| 10) Hexachlorobutadiene | 11.32 | 225 | 1367 | 0.77 | ng | | 98 |
| 11) 2-Methylnaphthalene | 12.65 | 142 | 6078 | 0.79 | ng | | 97 |
| 15) Acenaphthylene | 14.54 | 152 | 42055 | 0.78 | ng | | 99 |
| 16) Acenaphthene | 14.90 | 154 | 6636 | 0.77 | ng | | 98 |
| 17) Fluorene | 15.88 | 166 | 8221 | 0.79 | ng | | 99 |
| 19) Hexachlorobenzene | 16.89 | 284 | 2258 | 0.76 | ng | # | 100 |
| 20) Pentachlorophenol | 17.24 | 266 | 511 | 0.65 | ng | | 85 |
| 21) Phenanthrene | 17.60 | 178 | 14471 | 0.75 | ng | | 99 |
| 22) Anthracene | 17.70 | 178 | 13361 | 0.76 | ng | | 99 |
| 23) Fluoranthene | 19.63 | 202 | 57977 | 0.75 | ng | | 99 |
| 25) Pyrene | 19.99 | 202 | 63047 | 0.79 | ng | | 100 |
| 27) Benzo(a)anthracene | 21.70 | 228 | 63214 | 0.78 | ng | # | 64 |
| 28) Chrysene | 21.77 | 228 | 59128m | 0.78 | ng | | |
| 29) Bis(2-ethylhexyl)phthalate | 21.64 | 149 | 6802 | 0.65 | ng | # | 98 |
| 30) Indeno(1,2,3-cd)pyrene | 26.63 | 276 | 62075 | 0.77 | ng | | 100 |
| 32) Benzo(b)fluoranthene | 23.39 | 252 | 14212 | 0.77 | ng | | 97 |
| 33) Benzo(k)fluoranthene | 23.44 | 252 | 14879 | 0.78 | ng | | 95 |
| 34) Benzo(a)pyrene | 24.02 | 252 | 13451 | 0.78 | ng | | 95 |
| 35) Dibenzo(a,h)anthracene | 26.65 | 278 | 12547 | 0.78 | ng | | 97 |
| 36) Benzo(g,h,i)perylene | 27.40 | 276 | 53720 | 0.77 | ng | | 97 |

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

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