Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080916\
Data File : BE092243.D
Acq On : 10 Aug 2016 00:16
Operator : UM/SJ
Sample : SSTDICV0.4
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_E
**ClientSampleId :** ICVBE080916

**Manual Integrations APPROVED**
umangi
8/10/2016 7:41:15 PM

Quant Time: Aug 10 11:32:18 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 11:12:32 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.17 | 152 | 9967 | 5.00 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.97 | 136 | 48163 | 5.00 | ng | | 0.00 |
| 12) Acenaphthene-d10 | 14.83 | 164 | 27756 | 5.00 | ng | | 0.00 |
| 18) Phenanthrene-d10 | 17.56 | 188 | 67397 | 5.00 | ng | | 0.00 |
| 24) Chrysene-d12 | 21.73 | 240 | 62439 | 5.00 | ng | | -0.02 |
| 31) Perylene-d12 | 24.13 | 264 | 63775 | 5.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.70 | 112 | 727 | 0.33 | ng | | 0.00 |
| 5) Phenol-d6 | 7.36 | 99 | 1032m | 0.33 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 9.34 | 82 | 1137m | 0.33 | ng | | -0.02 |
| 13) 2,4,6-Tribromophenol | 16.33 | 330 | 235 | 0.45 | ng | | 0.00 |
| 14) 2-Fluorobiphenyl | 13.47 | 172 | 3093 | 0.36 | ng | | 0.00 |
| 26) Terphenyl-d14 | 20.19 | 244 | 3618 | 0.34 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.44 | 88 | 496 | 0.37 | ng | | 97 |
| 3) n-Nitrosodimethylamine | 3.81 | 42 | 502 | 0.42 | ng | | 99 |
| 6) bis(2-Chloroethyl)ether | 7.59 | 93 | 833 | 0.33 | ng | | 99 |
| 9) Naphthalene | 11.03 | 128 | 3978 | 0.37 | ng | | 99 |
| 10) Hexachlorobutadiene | 11.32 | 225 | 586 | 0.38 | ng | | 97 |
| 11) 2-Methylnaphthalene | 12.66 | 142 | 2468 | 0.37 | ng | | 97 |
| 15) Acenaphthylene | 14.54 | 152 | 17257 | 0.36 | ng | | 99 |
| 16) Acenaphthene | 14.90 | 154 | 2855 | 0.37 | ng | | 98 |
| 17) Fluorene | 15.88 | 166 | 3382 | 0.36 | ng | | 99 |
| 19) Hexachlorobenzene | 16.89 | 284 | 1016 | 0.38 | ng | # | 100 |
| 20) Pentachlorophenol | 17.26 | 266 | 169 | 0.36 | ng | | 92 |
| 21) Phenanthrene | 17.61 | 178 | 6301 | 0.36 | ng | | 100 |
| 22) Anthracene | 17.70 | 178 | 5323 | 0.34 | ng | | 99 |
| 23) Fluoranthene | 19.63 | 202 | 24122 | 0.35 | ng | | 99 |
| 25) Pyrene | 19.99 | 202 | 25567 | 0.35 | ng | | 100 |
| 27) Benzo(a)anthracene | 21.73 | 228 | 28458 | 0.38 | ng | | 99 |
| 28) Chrysene | 21.77 | 228 | 23904m | 0.35 | ng | | |
| 29) Bis(2-ethylhexyl)phthalate | 21.64 | 149 | 2394 | 0.42 | ng | # | 100 |
| 30) Indeno(1,2,3-cd)pyrene | 26.63 | 276 | 24165 | 0.32 | ng | | 100 |
| 32) Benzo(b)fluoranthene | 23.39 | 252 | 5670 | 0.34 | ng | | 100 |
| 33) Benzo(k)fluoranthene | 23.44 | 252 | 6343 | 0.38 | ng | | 99 |
| 34) Benzo(a)pyrene | 24.02 | 252 | 5371 | 0.34 | ng | | 98 |
| 35) Dibenzo(a,h)anthracene | 26.67 | 278 | 4866 | 0.33 | ng | | 99 |
| 36) Benzo(g,h,i)perylene | 27.42 | 276 | 22045 | 0.35 | ng | | 99 |

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

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