Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052015\
Data File : BM001347.D
Acq On : 21 May 2015 06:13
Operator : TP/IZ
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Manual Integrations APPROVED
apatel
5/21/2015 8:52:54 PM

Quant Time: May 21 09:02:15 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SIMPAH-BM052015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 21 08:43:35 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.43 | 152 | 13203 | 5.00 | ng | | 0.00 |
| 6) Naphthalene-d8 | 10.20 | 136 | 52153 | 5.00 | ng | | 0.00 |
| 12) Acenaphthene-d10 | 14.11 | 164 | 33143 | 5.00 | ng | | 0.00 |
| 18) Phenanthrene-d10 | 16.85 | 188 | 74524 | 5.00 | ng | | 0.00 |
| 25) Chrysene-d12 | 21.07 | 240 | 74346 | 5.00 | ng | | 0.00 |
| 32) Perylene-d12 | 23.17 | 264 | 71137 | 5.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.02 | 112 | 494 | 0.19 | ng | | 0.00 |
| 5) Phenol-d6 | 6.61 | 99 | 605 | 0.18 | ng | | 0.00 |
| 7) Nitrobenzene-d5 | 8.59 | 82 | 492 | 0.16 | ng | | 0.00 |
| 13) 2,4,6-Tribromophenol | 15.59 | 330 | 206 | 0.20 | ng | | 0.00 |
| 14) 2-Fluorobiphenyl | 12.72 | 172 | 2018 | 0.21 | ng | | 0.00 |
| 27) Terphenyl-d14 | 19.50 | 244 | 1942 | 0.20 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.90 | 88 | 425 | 0.35 | ng | # | 84 |
| 3) n-Nitrosodimethylamine | 3.24 | 42 | 271 | 0.17 | ng | # | 10 |
| 8) Nitrobenzene | 8.63 | 77 | 499 | 0.16 | ng | | 98 |
| 9) Naphthalene | 10.25 | 128 | 2246 | 0.21 | ng | # | 93 |
| 10) Hexachlorobutadiene | 10.54 | 225 | 449 | 0.22 | ng | | 99 |
| 11) 2-Methylnaphthalene | 11.89 | 142 | 1572 | 0.20 | ng | | 97 |
| 15) Acenaphthylene | 13.82 | 152 | 2550 | 0.18 | ng | | 99 |
| 16) Acenaphthene | 14.17 | 154 | 1743 | 0.20 | ng | | 98 |
| 17) Fluorene | 15.15 | 166 | 1498m | 0.18 | ng | | |
| 19) 4-Bromophenyl-phenylether | 16.04 | 248 | 668 | 0.25 | ng | | 91 |
| 20) Hexachlorobenzene | 16.17 | 284 | 1090 | 0.22 | ng | # | 96 |
| 21) Pentachlorophenol | 16.51 | 266 | 214 | 0.12 | ng | # | 85 |
| 22) Phenanthrene | 16.89 | 178 | 5124m | 0.20 | ng | | |
| 23) Anthracene | 16.99 | 178 | 1999m | 0.22 | ng | | |
| 24) Fluoranthene | 18.92 | 202 | 4208 | 0.22 | ng | | 100 |
| 26) Pyrene | 19.29 | 202 | 4383 | 0.20 | ng | | 99 |
| 28) Benzo(a)anthracene | 21.04 | 228 | 4233 | 0.21 | ng | | 97 |
| 29) Chrysene | 21.10 | 228 | 4106 | 0.21 | ng | | 97 |
| 30) Bis(2-ethylhexyl)phthalate | 20.99 | 149 | 1792 | 0.16 | ng | | 99 |
| 31) Indeno(1,2,3-cd)pyrene | 25.24 | 276 | 4303 | 0.20 | ng | | 100 |
| 33) Benzo(b)fluoranthene | 22.54 | 252 | 4366 | 0.21 | ng | # | 92 |
| 34) Benzo(k)fluoranthene | 22.58 | 252 | 3817 | 0.19 | ng | # | 92 |
| 35) Benzo(a)pyrene | 23.07 | 252 | 3617 | 0.20 | ng | # | 90 |
| 36) Dibenzo(a,h)anthracene | 25.26 | 278 | 3315 | 0.19 | ng | # | 95 |
| 37) Benzo(g,h,i)perylene | 25.88 | 276 | 3654 | 0.20 | ng | | 94 |

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

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