Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE010617\
Data File : BE092635.D
Acq On : 6 Jan 2017 16:58
Operator : UM/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_E
**ClientSampleId :** SSTDCCC0.4EC

**Manual Integrations APPROVED**
Sohil
1/9/2017 10:46:27 AM

Quant Time: Jan 07 00:26:56 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 19 16:16:32 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.14 | 152 | 7922 | 5.00 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.93 | 136 | 38636 | 5.00 | ng | | 0.00 |
| 12) Acenaphthene-d10 | 14.80 | 164 | 27323 | 5.00 | ng | | 0.00 |
| 18) Phenanthrene-d10 | 17.56 | 188 | 61469 | 5.00 | ng | | 0.00 |
| 24) Chrysene-d12 | 21.72 | 240 | 81132 | 5.00 | ng | | 0.00 |
| 31) Perylene-d12 | 24.08 | 264 | 69351 | 5.00 | ng | | 0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.70 | 112 | 412 | 0.41 | ng | | 0.01 |
| 5) Phenol-d6 | 7.38 | 99 | 556 | 0.41 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 9.36 | 82 | 666m | 0.42 | ng | | 0.00 |
| 13) 2,4,6-Tribromophenol | 16.31 | 330 | 198 | 0.42 | ng | | 0.00 |
| 14) 2-Fluorobiphenyl | 13.43 | 172 | 2385 | 0.36 | ng | | 0.00 |
| 26) Terphenyl-d14 | 20.17 | 244 | 3475 | 0.35 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.39 | 88 | 475 | 0.36 | ng | | 89 |
| 3) n-Nitrosodimethylamine | 3.80 | 42 | 284 | 0.40 | ng | | 92 |
| 6) bis(2-Chloroethyl)ether | 7.59 | 93 | 557 | 0.34 | ng | # | 66 |
| 9) Naphthalene | 10.97 | 128 | 3060 | 0.39 | ng | | 96 |
| 10) Hexachlorobutadiene | 11.26 | 225 | 449 | 0.37 | ng | | 99 |
| 11) 2-Methylnaphthalene | 12.64 | 142 | 1777 | 0.35 | ng | | 98 |
| 15) Acenaphthylene | 14.51 | 152 | 13576 | 0.36 | ng | | 100 |
| 16) Acenaphthene | 14.85 | 154 | 2317 | 0.37 | ng | | 96 |
| 17) Fluorene | 15.86 | 166 | 2812 | 0.37 | ng | | 98 |
| 19) Hexachlorobenzene | 16.86 | 284 | 930m | 0.35 | ng | | |
| 20) Pentachlorophenol | 17.23 | 266 | 129 | 0.38 | ng | # | 85 |
| 21) Phenanthrene | 17.58 | 178 | 5447 | 0.35 | ng | # | 95 |
| 22) Anthracene | 17.69 | 178 | 4890 | 0.35 | ng | | 99 |
| 23) Fluoranthene | 19.59 | 202 | 23005 | 0.34 | ng | | 99 |
| 25) Pyrene | 19.95 | 202 | 24054 | 0.34 | ng | | 99 |
| 27) Benzo(a)anthracene | 21.70 | 228 | 25046m | 0.34 | ng | | |
| 28) Chrysene | 21.75 | 228 | 30123m | 0.36 | ng | | |
| 29) Bis(2-ethylhexyl)phthalate | 21.61 | 149 | 1895 | 0.32 | ng | # | 77 |
| 30) Indeno(1,2,3-cd)pyrene | 26.57 | 276 | 23700 | 0.31 | ng | | 99 |
| 32) Benzo(b)fluoranthene | 23.35 | 252 | 5282 | 0.33 | ng | | 100 |
| 33) Benzo(k)fluoranthene | 23.39 | 252 | 6467 | 0.36 | ng | | 96 |
| 34) Benzo(a)pyrene | 23.96 | 252 | 5081 | 0.33 | ng | | 99 |
| 35) Dibenzo(a,h)anthracene | 26.60 | 278 | 4711 | 0.32 | ng | # | 95 |
| 36) Benzo(g,h,i)perylene | 27.33 | 276 | 21362 | 0.34 | ng | | 97 |

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

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