Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE040417\
Data File : BE092889.D
Acq On : 4 Apr 2017 17:49
Operator : SJ/MA
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: Apr 04 19:14:22 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE040417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 04 16:35:54 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.77 | 152 | 8605 | 5.00 | ng | | -0.02 |
| 7) Naphthalene-d8 | 10.53 | 136 | 37476 | 5.00 | ng | | -0.02 |
| 12) Acenaphthene-d10 | 14.38 | 164 | 18321 | 5.00 | ng | | -0.02 |
| 18) Phenanthrene-d10 | 17.13 | 188 | 45967 | 5.00 | ng | | -0.02 |
| 24) Chrysene-d12 | 21.28 | 240 | 49258 | 5.00 | ng | | -0.02 |
| 31) Perylene-d12 | 23.70 | 264 | 42033 | 5.00 | ng | | -0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.36 | 112 | 678 | 0.39 | ng | | 0.00 |
| 5) Phenol-d6 | 6.94 | 99 | 966 | 0.39 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.90 | 82 | 818 | 0.38 | ng | | -0.02 |
| 13) 2,4,6-Tribromophenol | 15.87 | 330 | 87 | 0.37 | ng | | -0.01 |
| 14) 2-Fluorobiphenyl | 13.02 | 172 | 2460 | 0.40 | ng | | -0.01 |
| 26) Terphenyl-d14 | 19.74 | 244 | 2965 | 0.39 | ng | | -0.02 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.32 | 88 | 459 | 0.40 | ng | | 92 |
| 3) n-Nitrosodimethylamine | 3.61 | 42 | 452 | 0.39 | ng | # | 88 |
| 6) bis(2-Chloroethyl)ether | 7.20 | 93 | 1115 | 0.40 | ng | # | 50 |
| 9) Naphthalene | 10.58 | 128 | 3278 | 0.40 | ng | | 99 |
| 10) Hexachlorobutadiene | 10.89 | 225 | 443 | 0.40 | ng | | 99 |
| 11) 2-Methylnaphthalene | 12.21 | 142 | 1991 | 0.39 | ng | # | 86 |
| 15) Acenaphthylene | 14.09 | 152 | 9537 | 0.37 | ng | | 100 |
| 16) Acenaphthene | 14.45 | 154 | 2110 | 0.40 | ng | | 99 |
| 17) Fluorene | 15.44 | 166 | 2271 | 0.39 | ng | | 98 |
| 19) Hexachlorobenzene | 16.47 | 284 | 603 | 0.35 | ng | # | 39 |
| 20) Pentachlorophenol | 16.79 | 266 | 117 | 0.41 | ng | | 91 |
| 21) Phenanthrene | 17.18 | 178 | 4477 | 0.36 | ng | | 94 |
| 22) Anthracene | 17.27 | 178 | 3309 | 0.33 | ng | | 98 |
| 23) Fluoranthene | 19.16 | 202 | 15952 | 0.36 | ng | | 100 |
| 25) Pyrene | 19.52 | 202 | 17419 | 0.40 | ng | | 100 |
| 27) Benzo(a)anthracene | 21.26 | 228 | 3851 | 0.36 | ng | # | 94 |
| 28) Chrysene | 21.31 | 228 | 5003 | 0.41 | ng | # | 76 |
| 29) Bis(2-ethylhexyl)phthalate | 21.21 | 149 | 781 | 0.38 | ng | # | 73 |
| 30) Indeno(1,2,3-cd)pyrene | 26.24 | 276 | 15239 | 0.37 | ng | # | 93 |
| 32) Benzo(b)fluoranthene | 22.96 | 252 | 3904 | 0.38 | ng | | 97 |
| 33) Benzo(k)fluoranthene | 23.01 | 252 | 3407m | 0.36 | ng | | |
| 34) Benzo(a)pyrene | 23.58 | 252 | 3083 | 0.38 | ng | | 97 |
| 35) Dibenzo(a,h)anthracene | 26.25 | 278 | 3360 | 0.36 | ng | # | 94 |
| 36) Benzo(g,h,i)perylene | 27.00 | 276 | 13563 | 0.36 | ng | | 94 |

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

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