Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE022017\
Data File : BE092753.D
Acq On : 20 Feb 2017 22:52
Operator : SJ/MA
Sample : SSTDCCC0.4
Misc :
ALS Vial : 100 Sample Multiplier: 1

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

**Manual Integrations APPROVED**
mohammad
2/21/2017 10:38:41 AM

Quant Time: Feb 21 00:54:24 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE021517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 15 17:05:20 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.12 | 152 | 16291 | 5.00 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.88 | 136 | 81863 | 5.00 | ng | | -0.02 |
| 12) Acenaphthene-d10 | 14.76 | 164 | 51773 | 5.00 | ng | | 0.00 |
| 18) Phenanthrene-d10 | 17.51 | 188 | 107987 | 5.00 | ng | | 0.00 |
| 24) Chrysene-d12 | 21.70 | 240 | 96305 | 5.00 | ng | | 0.00 |
| 31) Perylene-d12 | 24.02 | 264 | 100538 | 5.00 | ng | | -0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.62 | 112 | 1531 | 0.48 | ng | | -0.02 |
| 5) Phenol-d6 | 7.29 | 99 | 2287 | 0.59 | ng | | -0.02 |
| 8) Nitrobenzene-d5 | 9.29 | 82 | 2119 | 0.46 | ng | | -0.02 |
| 13) 2,4,6-Tribromophenol | 16.26 | 330 | 569 | 0.52 | ng | | -0.02 |
| 14) 2-Fluorobiphenyl | 13.38 | 172 | 5378 | 0.43 | ng | | -0.02 |
| 26) Terphenyl-d14 | 20.12 | 244 | 6357 | 0.52 | ng | | -0.02 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.34 | 88 | 851 | 0.37 | ng | | 96 |
| 3) n-Nitrosodimethylamine | 3.72 | 42 | 908 | 0.50 | ng | # | 98 |
| 6) bis(2-Chloroethyl)ether | 7.54 | 93 | 1867 | 0.43 | ng | # | 29 |
| 9) Naphthalene | 10.93 | 128 | 7235 | 0.41 | ng | | 97 |
| 10) Hexachlorobutadiene | 11.22 | 225 | 1125 | 0.43 | ng | | 98 |
| 11) 2-Methylnaphthalene | 12.57 | 142 | 4457 | 0.40 | ng | | 97 |
| 15) Acenaphthylene | 14.48 | 152 | 31007 | 0.40 | ng | | 100 |
| 16) Acenaphthene | 14.82 | 154 | 4665 | 0.41 | ng | | 89 |
| 17) Fluorene | 15.81 | 166 | 5779 | 0.40 | ng | | 97 |
| 19) Hexachlorobenzene | 16.84 | 284 | 1595 | 0.38 | ng | # | 39 |
| 20) Pentachlorophenol | 17.21 | 266 | 377 | 0.55 | ng | | 96 |
| 21) Phenanthrene | 17.56 | 178 | 9436 | 0.37 | ng | | 96 |
| 22) Anthracene | 17.65 | 178 | 9426 | 0.40 | ng | | 98 |
| 23) Fluoranthene | 19.56 | 202 | 41611 | 0.38 | ng | | 99 |
| 25) Pyrene | 19.92 | 202 | 44639 | 0.49 | ng | | 100 |
| 27) Benzo(a)anthracene | 21.68 | 228 | 41656 | 0.45 | ng | # | 76 |
| 28) Chrysene | 21.72 | 228 | 45955m | 0.41 | ng | | |
| 29) Bis(2-ethylhexyl)phthalate | 21.59 | 149 | 8389 | 0.70 | ng | # | 72 |
| 30) Indeno(1,2,3-cd)pyrene | 26.48 | 276 | 47704 | 0.44 | ng | | 97 |
| 32) Benzo(b)fluoranthene | 23.30 | 252 | 10373 | 0.42 | ng | | 99 |
| 33) Benzo(k)fluoranthene | 23.35 | 252 | 11098 | 0.40 | ng | | 96 |
| 34) Benzo(a)pyrene | 23.91 | 252 | 10074 | 0.39 | ng | | 99 |
| 35) Dibenzo(a,h)anthracene | 26.50 | 278 | 9705 | 0.39 | ng | | 98 |
| 36) Benzo(g,h,i)perylene | 27.23 | 276 | 40080 | 0.38 | ng | | 99 |

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

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