Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051917\
Data File : BE093063.D
Acq On : 19 May 2017 16:29
Operator : SJ/MA
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

**Manual Integrations APPROVED**
mohammad
5/19/2017 6:23:10 PM

Quant Time: May 19 18:06:36 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE051517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 15 13:35:57 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.75 | 152 | 733 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.53 | 136 | 3163 | 0.40 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.39 | 164 | 1542 | 0.40 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.13 | 188 | 4699 | 0.40 | ng | | 0.00 |
| 27) Chrysene-d12 | 21.27 | 240 | 4551 | 0.40 | ng | | -0.02 |
| 34) Perylene-d12 | 23.69 | 264 | 3873 | 0.40 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.35 | 112 | 801 | 0.36 | ng | | 0.00 |
| 5) Phenol-d6 | 6.92 | 99 | 1072 | 0.35 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.88 | 82 | 1028 | 0.37 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.12 | 152 | 1629 | 0.35 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.86 | 330 | 174 | 0.38 | ng | | -0.01 |
| 15) 2-Fluorobiphenyl | 13.01 | 172 | 2232 | 0.35 | ng | | 0.00 |
| 25) Fluoranthene-d10 | 19.14 | 212 | 3919 | 0.32 | ng | | 0.00 |
| 29) Terphenyl-d14 | 19.74 | 244 | 2692 | 0.32 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.31 | 88 | 534 | 0.37 | ng | | 100 |
| 3) n-Nitrosodimethylamine | 3.61 | 42 | 475 | 0.36 | ng | | 98 |
| 6) bis(2-Chloroethyl)ether | 7.18 | 93 | 872 | 0.35 | ng | # | 99 |
| 9) Naphthalene | 10.56 | 128 | 2934 | 0.35 | ng | # | 95 |
| 10) Hexachlorobutadiene | 10.87 | 225 | 405 | 0.37 | ng | | 99 |
| 12) 2-Methylnaphthalene | 12.19 | 142 | 1808 | 0.35 | ng | | 92 |
| 16) Acenaphthylene | 14.10 | 152 | 9360 | 0.35 | ng | | 99 |
| 17) Acenaphthene | 14.44 | 154 | 1713 | 0.35 | ng | | 98 |
| 18) Fluorene | 15.42 | 166 | 2106 | 0.35 | ng | | 100 |
| 20) 4-Bromophenyl-phenylether | 16.33 | 248 | 521 | 0.36 | ng | # | 27 |
| 21) Hexachlorobenzene | 16.47 | 284 | 516 | 0.20 | ng | # | 100 |
| 22) Pentachlorophenol | 16.82 | 266 | 176 | 0.31 | ng | | 97 |
| 23) Phenanthrene | 17.16 | 178 | 3150 | 0.30 | ng | | 96 |
| 24) Anthracene | 17.28 | 178 | 2674m | 0.25 | ng | | |
| 26) Fluoranthene | 19.16 | 202 | 18729 | 0.32 | ng | # | 96 |
| 28) Pyrene | 19.51 | 202 | 19162 | 0.35 | ng | # | 61 |
| 30) Benzo(a)anthracene | 21.25 | 228 | 4624 | 0.37 | ng | # | 88 |
| 31) Chrysene | 21.30 | 228 | 4438 | 0.34 | ng | # | 89 |
| 32) Bis(2-ethylhexyl)phthalate | 21.20 | 149 | 2109 | 0.36 | ng | | 98 |
| 33) Indeno(1,2,3-cd)pyrene | 26.22 | 276 | 17663 | 0.36 | ng | | 99 |
| 35) Benzo(b)fluoranthene | 22.95 | 252 | 4623 | 0.38 | ng | | 96 |
| 36) Benzo(k)fluoranthene | 23.00 | 252 | 3929 | 0.32 | ng | | 99 |
| 37) Benzo(a)pyrene | 23.57 | 252 | 3873 | 0.35 | ng | | 100 |
| 38) Dibenzo(a,h)anthracene | 26.25 | 278 | 3835 | 0.37 | ng | | 97 |
| 39) Benzo(g,h,i)perylene | 26.99 | 276 | 16368 | 0.36 | ng | | 96 |

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

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