Quantitation Report (QT Reviewed)

Data Path : S:\HPCHEM1\BNA_E\DATA\BE050517\
Data File : BE092926.D
Acq On : 5 May 2017 12:19
Operator : SJ/MA
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** BNA_E
**ClientSampleId :** SSTDICC1.6

Quant Time: May 05 13:06:01 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE050517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 05 11:39:16 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.77 | 152 | 691 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.53 | 136 | 2834 | 0.40 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.39 | 164 | 1346 | 0.40 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.13 | 188 | 3415 | 0.40 | ng | | 0.00 |
| 26) Chrysene-d12 | 21.28 | 240 | 3660 | 0.40 | ng | | 0.00 |
| 33) Perylene-d12 | 23.69 | 264 | 2714 | 0.40 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.35 | 112 | 2442 | 1.62 | ng | | 0.00 |
| 5) Phenol-d6 | 6.92 | 99 | 3411 | 1.63 | ng | | -0.02 |
| 8) Nitrobenzene-d5 | 8.90 | 82 | 3200 | 1.69 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.13 | 152 | 6817 | 1.63 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.86 | 330 | 362 | 1.63 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.01 | 172 | 9761 | 1.58 | ng | | 0.00 |
| 24) Fluoranthene-d10 | 19.15 | 212 | 13013 | 1.59 | ng | | 0.00 |
| 28) Terphenyl-d14 | 19.73 | 244 | 9851 | 1.55 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.31 | 88 | 2054 | 1.55 | ng | | 97 |
| 3) n-Nitrosodimethylamine | 3.59 | 42 | 1698 | 1.69 | ng | # | 84 |
| 6) bis(2-Chloroethyl)ether | 7.20 | 93 | 3861 | 1.52 | ng | # | 37 |
| 9) Naphthalene | 10.58 | 128 | 12156 | 1.61 | ng | # | 83 |
| 10) Hexachlorobutadiene | 10.89 | 225 | 1688 | 1.61 | ng | | 95 |
| 12) 2-Methylnaphthalene | 12.19 | 142 | 7607 | 1.63 | ng | # | 91 |
| 16) Acenaphthylene | 14.10 | 152 | 36935 | 1.71 | ng | | 99 |
| 17) Acenaphthene | 14.45 | 154 | 7022 | 1.65 | ng | | 97 |
| 18) Fluorene | 15.42 | 166 | 8493 | 1.64 | ng | | 99 |
| 20) Hexachlorobenzene | 16.47 | 284 | 2279 | 1.51 | ng | # | 100 |
| 21) Pentachlorophenol | 16.79 | 266 | 492 | 1.79 | ng | # | 73 |
| 22) Phenanthrene | 17.18 | 178 | 14738 | 1.49 | ng | | 98 |
| 23) Anthracene | 17.27 | 178 | 12059 | 1.59 | ng | | 99 |
| 25) Fluoranthene | 19.17 | 202 | 72216 | 1.69 | ng | # | 99 |
| 27) Pyrene | 19.53 | 202 | 73478 | 1.54 | ng | # | 100 |
| 29) Benzo(a)anthracene | 21.25 | 228 | 14222 | 1.67 | ng | # | 86 |
| 30) Chrysene | 21.30 | 228 | 17260 | 1.58 | ng | # | 88 |
| 31) Bis(2-ethylhexyl)phthalate | 21.20 | 149 | 3360 | 1.53 | ng | # | 96 |
| 32) Indeno(1,2,3-cd)pyrene | 26.22 | 276 | 63733 | 1.78 | ng | | 99 |
| 34) Benzo(b)fluoranthene | 22.95 | 252 | 14861 | 1.56 | ng | # | 80 |
| 35) Benzo(k)fluoranthene | 23.00 | 252 | 15441 | 1.59 | ng | # | 76 |
| 36) Benzo(a)pyrene | 23.59 | 252 | 12190 | 1.59 | ng | # | 71 |
| 37) Dibenzo(a,h)anthracene | 26.25 | 278 | 14451 | 1.69 | ng | # | 72 |
| 38) Benzo(g,h,i)perylene | 27.00 | 276 | 59419 | 1.60 | ng | # | 76 |

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

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