Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE082617\
Data File : BE093881.D
Acq On : 26 Aug 2017 9:07
Operator : SJ/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_E
**ClientSampleId :** SSTDICC0.1

**Manual Integrations APPROVED**
Sohil
8/28/2017 3:12:26 PM

Quant Time: Aug 28 11:18:38 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE082617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 28 01:59:34 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.92 | 152 | 1775 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.71 | 136 | 8477 | 0.40 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.53 | 164 | 4772 | 0.40 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.27 | 188 | 9204 | 0.40 | ng | | 0.03 |
| 27) Chrysene-d12 | 21.42 | 240 | 12137 | 0.40 | ng | | 0.00 |
| 34) Perylene-d12 | 23.93 | 264 | 10487 | 0.40 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.51 | 112 | 523 | 0.09 | ng | | 0.00 |
| 5) Phenol-d6 | 7.10 | 99 | 758 | 0.09 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 9.08 | 82 | 665 | 0.09 | ng | | 0.02 |
| 11) 2-Methylnaphthalene-d10 | 12.30 | 152 | 1317 | 0.10 | ng | | 0.01 |
| 14) 2,4,6-Tribromophenol | 16.03 | 330 | 141 | 0.11 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.16 | 172 | 1967 | 0.11 | ng | | 0.00 |
| 25) Fluoranthene-d10 | 19.28 | 212 | 13021 | 0.12 | ng | | 0.00 |
| 29) Terphenyl-d14 | 19.87 | 244 | 2236 | 0.10 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.44 | 88 | 312 | 0.118 | ng | # | 90 |
| 3) n-Nitrosodimethylamine | 3.76 | 42 | 232 | 0.085 | ng | | 99 |
| 6) bis(2-Chloroethyl)ether | 7.34 | 93 | 579 | 0.086 | ng | | 98 |
| 9) Naphthalene | 10.76 | 128 | 9649 | 0.099 | ng | # | 98 |
| 10) Hexachlorobutadiene | 11.04 | 225 | 346 | 0.097 | ng | | 97 |
| 12) 2-Methylnaphthalene | 12.37 | 142 | 1591 | 0.098 | ng | | 95 |
| 16) Acenaphthylene | 14.24 | 152 | 2174 | 0.091 | ng | | 100 |
| 17) Acenaphthene | 14.58 | 154 | 1557 | 0.097 | ng | | 98 |
| 18) Fluorene | 15.58 | 166 | 2102 | 0.101 | ng | | 100 |
| 20) 4-Bromophenyl-phenylether | 16.45 | 248 | 555 | 0.197 | ng | # | 72 |
| 21) Hexachlorobenzene | 16.58 | 284 | 454 | 0.158 | ng | # | 100 |
| 22) Pentachlorophenol | 16.94 | 266 | 164 | 0.091 | ng | # | 83 |
| 23) Phenanthrene | 17.30 | 178 | 3090m | 0.153 | ng | | |
| 24) Anthracene | 17.40 | 178 | 3043m | 0.106 | ng | | |
| 26) Fluoranthene | 19.31 | 202 | 3865 | 0.121 | ng | | 99 |
| 28) Pyrene | 19.67 | 202 | 4023 | 0.101 | ng | | 100 |
| 30) Benzo(a)anthracene | 21.40 | 228 | 3493 | 0.092 | ng | | 97 |
| 31) Chrysene | 21.46 | 228 | 4075 | 0.104 | ng | | 96 |
| 32) Bis(2-ethylhexyl)phthalate | 21.30 | 149 | 8517 | 0.106 | ng | | 100 |
| 33) Indeno(1,2,3-cd)pyrene | 26.59 | 276 | 2883 | 0.081 | ng | | 95 |
| 35) Benzo(b)fluoranthene | 23.16 | 252 | 3173 | 0.090 | ng | # | 89 |
| 36) Benzo(k)fluoranthene | 23.21 | 252 | 3772 | 0.102 | ng | # | 87 |
| 37) Benzo(a)pyrene | 23.82 | 252 | 3371 | 0.100 | ng | # | 71 |
| 38) Dibenzo(a,h)anthracene | 26.61 | 278 | 2256 | 0.074 | ng | # | 78 |
| 39) Benzo(g,h,i)perylene | 27.41 | 276 | 2566 | 0.083 | ng | # | 89 |

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

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