Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_N\DATA\BN022718\
Data File : BN000181.D
Acq On : 27 Feb 2018 09:16
Operator : JU/SJ
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
SSTDICC0.1

**Manual Integrations APPROVED**
Sohil
2/28/2018 5:12:07 PM

Quant Time: Feb 27 14:56:06 2018
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\8270-SIM-BN022718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 27 14:08:55 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.46 | 152 | 6042 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 11.29 | 136 | 22293 | 0.40 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 15.06 | 164 | 11048 | 0.40 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.78 | 188 | 25445 | 0.40 | ng | | 0.00 |
| 27) Chrysene-d12 | 21.90 | 240 | 20732 | 0.40 | ng | | 0.00 |
| 34) Perylene-d12 | 24.37 | 264 | 16932 | 0.40 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.93 | 112 | 1299 | 0.10 | ng | | 0.00 |
| 5) Phenol-d6 | 7.58 | 99 | 1584 | 0.10 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 9.63 | 82 | 1293 | 0.10 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.85 | 152 | 3308 | 0.10 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 16.53 | 330 | 308 | 0.08 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.69 | 172 | 5227 | 0.10 | ng | | 0.00 |
| 25) Fluoranthene-d10 | 19.77 | 212 | 6489 | 0.10 | ng | | 0.00 |
| 29) Terphenyl-d14 | 20.33 | 244 | 3732 | 0.10 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.66 | 88 | 608 | 0.086 | ng | | 94 |
| 3) n-Nitrosodimethylamine | 4.05 | 42 | 368m | 0.079 | ng | | |
| 6) bis(2-Chloroethyl)ether | 7.85 | 93 | 2029 | 0.099 | ng | | 97 |
| 9) Naphthalene | 11.34 | 128 | 6519 | 0.100 | ng | | 95 |
| 10) Hexachlorobutadiene | 11.62 | 225 | 1115 | 0.101 | ng | | 97 |
| 12) 2-Methylnaphthalene | 12.92 | 142 | 4113 | 0.096 | ng | | 99 |
| 16) Acenaphthylene | 14.78 | 152 | 4694 | 0.090 | ng | | 100 |
| 17) Acenaphthene | 15.13 | 154 | 3932 | 0.096 | ng | | 95 |
| 18) Fluorene | 16.09 | 166 | 4902 | 0.096 | ng | # | 80 |
| 20) 4-Bromophenyl-phenylether | 16.97 | 248 | 1351 | 0.092 | ng | # | 81 |
| 21) Hexachlorobenzene | 17.09 | 284 | 1946 | 0.099 | ng | | 95 |
| 22) Pentachlorophenol | 17.43 | 266 | 633 | 0.121 | ng | | 92 |
| 23) Phenanthrene | 17.82 | 178 | 8712 | 0.097 | ng | | 96 |
| 24) Anthracene | 17.91 | 178 | 5972 | 0.085 | ng | | 96 |
| 26) Fluoranthene | 19.80 | 202 | 8145 | 0.088 | ng | # | 96 |
| 28) Pyrene | 20.15 | 202 | 8595 | 0.106 | ng | | 98 |
| 30) Benzo(a)anthracene | 21.87 | 228 | 6347 | 0.097 | ng | | 98 |
| 31) Chrysene | 21.93 | 228 | 7653 | 0.100 | ng | | 99 |
| 32) Bis(2-ethylhexyl)phthalate | 21.76 | 149 | 2967 | 0.122 | ng | # | 97 |
| 33) Indeno(1,2,3-cd)pyrene | 26.91 | 276 | 6104 | 0.086 | ng | # | 90 |
| 35) Benzo(b)fluoranthene | 23.61 | 252 | 7538 | 0.098 | ng | | 94 |
| 36) Benzo(k)fluoranthene | 23.66 | 252 | 6783 | 0.090 | ng | # | 72 |
| 37) Benzo(a)pyrene | 24.26 | 252 | 5709 | 0.091 | ng | # | 69 |
| 38) Dibenzo(a,h)anthracene | 26.93 | 278 | 4354 | 0.078 | ng | # | 78 |
| 39) Benzo(g,h,i)perylene | 27.70 | 276 | 6108 | 0.092 | ng | # | 81 |

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

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