Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN073018\
Data File : BN002188.D
Acq On : 30 Jul 2018 16:19
Operator : JU/SJ
Sample : SSTDICV0.4
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** ICVBN073018

Quant Time: Jul 30 16:49:10 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 30 16:17:29 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.69 | 152 | 3069 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.47 | 136 | 12600 | 0.40 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.32 | 164 | 7109 | 0.40 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.07 | 188 | 14640 | 0.40 | ng | | 0.00 |
| 27) Chrysene-d12 | 21.27 | 240 | 11019 | 0.40 | ng | | 0.00 |
| 34) Perylene-d12 | 23.50 | 264 | 9911 | 0.40 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.32 | 112 | 2788 | 0.39 | ng | | 0.00 |
| 5) Phenol-d6 | 6.88 | 99 | 3389 | 0.39 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.84 | 82 | 3778 | 0.40 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.06 | 152 | 7504 | 0.40 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.83 | 330 | 1051 | 0.35 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 12.94 | 172 | 11088 | 0.41 | ng | | 0.00 |
| 25) Fluoranthene-d10 | 19.11 | 212 | 13169 | 0.36 | ng | | 0.00 |
| 29) Terphenyl-d14 | 19.71 | 244 | 9974 | 0.42 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.29 | 88 | 1340 | 0.388 | ng | | 97 |
| 3) n-Nitrosodimethylamine | 3.62 | 42 | 817 | 0.374 | ng | # | 88 |
| 6) bis(2-Chloroethyl)ether | 7.13 | 93 | 3275 | 0.391 | ng | | 89 |
| 9) Naphthalene | 10.52 | 128 | 11657 | 0.410 | ng | | 96 |
| 10) Hexachlorobutadiene | 10.80 | 225 | 2521 | 0.410 | ng | # | 54 |
| 12) 2-Methylnaphthalene | 12.13 | 142 | 7857 | 0.409 | ng | | 98 |
| 16) Acenaphthylene | 14.04 | 152 | 11920 | 0.392 | ng | | 100 |
| 17) Acenaphthene | 14.38 | 154 | 7857 | 0.402 | ng | | 96 |
| 18) Fluorene | 15.37 | 166 | 9638 | 0.401 | ng | # | 80 |
| 20) 4-Bromophenyl-phenylether | 16.27 | 248 | 3406 | 0.411 | ng | # | 74 |
| 21) Hexachlorobenzene | 16.38 | 284 | 3883 | 0.424 | ng | | 96 |
| 22) Pentachlorophenol | 16.74 | 266 | 554 | 0.335 | ng | | 89 |
| 23) Phenanthrene | 17.11 | 178 | 14744 | 0.405 | ng | | 99 |
| 24) Anthracene | 17.21 | 178 | 11553 | 0.383 | ng | | 96 |
| 26) Fluoranthene | 19.14 | 202 | 14406 | 0.363 | ng | # | 97 |
| 28) Pyrene | 19.50 | 202 | 14379 | 0.441 | ng | | 100 |
| 30) Benzo(a)anthracene | 21.26 | 228 | 10874 | 0.392 | ng | | 95 |
| 31) Chrysene | 21.30 | 228 | 12792 | 0.412 | ng | | 99 |
| 32) Bis(2-ethylhexyl)phthalate | 21.18 | 149 | 4496 | 0.355 | ng | # | 94 |
| 33) Indeno(1,2,3-cd)pyrene | 25.72 | 276 | 13093 | 0.448 | ng | # | 94 |
| 35) Benzo(b)fluoranthene | 22.83 | 252 | 11473 | 0.394 | ng | # | 91 |
| 36) Benzo(k)fluoranthene | 22.87 | 252 | 12120 | 0.401 | ng | # | 93 |
| 37) Benzo(a)pyrene | 23.40 | 252 | 10716 | 0.406 | ng | # | 92 |
| 38) Dibenzo(a,h)anthracene | 25.74 | 278 | 10834 | 0.422 | ng | | 96 |
| 39) Benzo(g,h,i)perylene | 26.40 | 276 | 11203 | 0.427 | ng | # | 90 |

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN073018\
Data File : BN002188.D
Acq On : 30 Jul 2018 16:19
Operator : JU/SJ
Sample : SSTDICV0.4
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** ICVBN073018

Quant Time: Jul 30 16:49:10 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 30 16:17:29 2018
Response via : Initial Calibration