Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\TERASTORAGE\SVOASRV\HPCHEM1\BNA_N\DATA\BN062819\
Data File : BN006609.D
Acq On : 28 Jun 2019 11:59
Operator : HP/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** SSTDICC3.2

Quant Time: Jun 28 13:18:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 13:12:15 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.62 | 152 | 3838 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.40 | 136 | 17076 | 0.40 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.27 | 164 | 10395 | 0.40 | ng | | -0.01 |
| 19) Phenanthrene-d10 | 17.03 | 188 | 23874 | 0.40 | ng | | -0.01 |
| 27) Chrysene-d12 | 21.27 | 240 | 24394 | 0.40 | ng | | 0.00 |
| 34) Perylene-d12 | 23.51 | 264 | 22926 | 0.40 | ng | | -0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.23 | 112 | 30716 | 3.21 | ng | | -0.02 |
| 5) Phenol-d6 | 6.81 | 99 | 42799 | 3.77 | ng | | -0.02 |
| 8) Nitrobenzene-d5 | 8.77 | 82 | 40582 | 4.10 | ng | | -0.03 |
| 11) 2-Methylnaphthalene-d10 | 12.00 | 152 | 87303 | 3.30 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.78 | 330 | 17962 | 3.08 | ng | | -0.01 |
| 15) 2-Fluorobiphenyl | 12.88 | 172 | 125828 | 3.21 | ng | | -0.01 |
| 25) Fluoranthene-d10 | 19.08 | 212 | 227459 | 3.34 | ng | | 0.00 |
| 29) Terphenyl-d14 | 19.68 | 244 | 164635 | 3.28 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.17 | 88 | 16483 | 3.994 | ng | | 98 |
| 3) n-Nitrosodimethylamine | 3.48 | 42 | 16107 | 6.395 | ng | # | 95 |
| 6) bis(2-Chloroethyl)ether | 7.05 | 93 | 38441 | 3.586 | ng | | 88 |
| 9) Naphthalene | 10.44 | 128 | 142543 | 3.321 | ng | | 99 |
| 10) Hexachlorobutadiene | 10.73 | 225 | 28329 | 3.555 | ng | # | 100 |
| 12) 2-Methylnaphthalene | 12.07 | 142 | 102008 | 3.294 | ng | | 100 |
| 16) Acenaphthylene | 13.99 | 152 | 173015 | 3.526 | ng | | 100 |
| 17) Acenaphthene | 14.33 | 154 | 106173 | 3.408 | ng | | 99 |
| 18) Fluorene | 15.32 | 166 | 138265 | 3.307 | ng | | 99 |
| 20) 4-Bromophenyl-phenylether | 16.22 | 248 | 45421 | 3.323 | ng | # | 88 |
| 21) Hexachlorobenzene | 16.34 | 284 | 53507 | 3.546 | ng | | 100 |
| 22) Pentachlorophenol | 16.71 | 266 | 11753 | 3.523 | ng | | 87 |
| 23) Phenanthrene | 17.07 | 178 | 223672 | 3.348 | ng | | 100 |
| 24) Anthracene | 17.16 | 178 | 208255 | 3.499 | ng | | 99 |
| 26) Fluoranthene | 19.11 | 202 | 269867 | 3.297 | ng | | 100 |
| 28) Pyrene | 19.47 | 202 | 274875 | 3.967 | ng | | 100 |
| 30) Benzo(a)anthracene | 21.25 | 228 | 269692 | 3.921 | ng | | 99 |
| 31) Chrysene | 21.30 | 228 | 270486 | 3.647 | ng | | 99 |
| 32) Bis(2-ethylhexyl)phthalate | 21.17 | 149 | 142238 | 4.938 | ng | | 99 |
| 33) Indeno(1,2,3-cd)pyrene | 25.75 | 276 | 252909 | 3.033 | ng | | 100 |
| 35) Benzo(b)fluoranthene | 22.84 | 252 | 263977 | 3.591 | ng | | 98 |
| 36) Benzo(k)fluoranthene | 22.88 | 252 | 270631 | 3.810 | ng | | 98 |
| 37) Benzo(a)pyrene | 23.41 | 252 | 240179 | 3.675 | ng | | 97 |
| 38) Dibenzo(a,h)anthracene | 25.75 | 278 | 204872 | 3.133 | ng | | 99 |
| 39) Benzo(g,h,i)perylene | 26.43 | 276 | 201054 | 3.053 | ng | | 98 |

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

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