Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070919\
Data File : BN006765.D
Acq On : 09 Jul 2019 10:58
Operator : HP/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** SSTDICC1.6

Quant Time: Jul 09 12:32:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN070919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 09 12:25:47 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.59 | 152 | 3243 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.35 | 136 | 12618 | 0.40 | ng | | -0.01 |
| 13) Acenaphthene-d10 | 14.23 | 164 | 7152 | 0.40 | ng | | -0.01 |
| 19) Phenanthrene-d10 | 17.00 | 188 | 16204 | 0.40 | ng | | 0.00 |
| 27) Chrysene-d12 | 21.24 | 240 | 16732 | 0.40 | ng | | 0.00 |
| 34) Perylene-d12 | 23.49 | 264 | 17878 | 0.40 | ng | | 0.02 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.20 | 112 | 12094 | 1.37 | ng | | -0.02 |
| 5) Phenol-d6 | 6.78 | 99 | 16708 | 1.50 | ng | | -0.03 |
| 8) Nitrobenzene-d5 | 8.74 | 82 | 15045 | 1.55 | ng | | -0.04 |
| 11) 2-Methylnaphthalene-d10 | 11.96 | 152 | 30650 | 1.62 | ng | | -0.01 |
| 14) 2,4,6-Tribromophenol | 15.75 | 330 | 5642 | 1.60 | ng | | -0.02 |
| 15) 2-Fluorobiphenyl | 12.85 | 172 | 43970 | 1.57 | ng | | -0.01 |
| 25) Fluoranthene-d10 | 19.05 | 212 | 78540 | 1.69 | ng | | 0.00 |
| 29) Terphenyl-d14 | 19.66 | 244 | 58787 | 1.53 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.11 | 88 | 7850 | 1.549 | ng | | 94 |
| 3) n-Nitrosodimethylamine | 3.44 | 42 | 7276 | 1.903 | ng | # | 97 |
| 6) bis(2-Chloroethyl)ether | 7.02 | 93 | 17149 | 1.820 | ng | | 94 |
| 9) Naphthalene | 10.40 | 128 | 54112 | 1.568 | ng | | 98 |
| 10) Hexachlorobutadiene | 10.68 | 225 | 11154 | 1.596 | ng | # | 99 |
| 12) 2-Methylnaphthalene | 12.03 | 142 | 35710 | 1.394 | ng | | 98 |
| 16) Acenaphthylene | 13.95 | 152 | 56413 | 1.583 | ng | | 100 |
| 17) Acenaphthene | 14.30 | 154 | 36955 | 1.626 | ng | | 98 |
| 18) Fluorene | 15.29 | 166 | 46680 | 1.654 | ng | | 100 |
| 20) 4-Bromophenyl-phenylether | 16.19 | 248 | 15588 | 1.633 | ng | | 93 |
| 21) Hexachlorobenzene | 16.31 | 284 | 19276 | 1.697 | ng | | 100 |
| 22) Pentachlorophenol | 16.69 | 266 | 2959 | 1.817 | ng | | 92 |
| 23) Phenanthrene | 17.05 | 178 | 74860 | 1.603 | ng | | 100 |
| 24) Anthracene | 17.14 | 178 | 66934 | 1.586 | ng | | 100 |
| 26) Fluoranthene | 19.08 | 202 | 92262 | 1.682 | ng | | 100 |
| 28) Pyrene | 19.45 | 202 | 93578 | 1.398 | ng | | 100 |
| 30) Benzo(a)anthracene | 21.23 | 228 | 83756 | 1.451 | ng | | 99 |
| 31) Chrysene | 21.28 | 228 | 93894 | 1.579 | ng | | 100 |
| 32) Bis(2-ethylhexyl)phthalate | 21.14 | 149 | 35991 | 0.209 | ng | | 100 |
| 33) Indeno(1,2,3-cd)pyrene | 25.70 | 276 | 112722 | 1.585 | ng | | 100 |
| 35) Benzo(b)fluoranthene | 22.81 | 252 | 95274 | 1.660 | ng | | 97 |
| 36) Benzo(k)fluoranthene | 22.86 | 252 | 102103 | 1.641 | ng | | 97 |
| 37) Benzo(a)pyrene | 23.38 | 252 | 89775 | 1.615 | ng | | 96 |
| 38) Dibenzo(a,h)anthracene | 25.71 | 278 | 90478 | 1.638 | ng | | 97 |
| 39) Benzo(g,h,i)perylene | 26.39 | 276 | 93054 | 1.637 | ng | | 99 |

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

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