Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041320\
Data File : BN010469.D
Acq On : 13 Apr 2020 16:12
Operator : CG/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Apr 13 16:42:07 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN041320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 13 14:54:53 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.61 | 152 | 4911 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.37 | 136 | 18213 | 0.40 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.22 | 164 | 11547 | 0.40 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 16.98 | 188 | 25654 | 0.40 | ng | | 0.00 |
| 27) Chrysene-d12 | 21.19 | 240 | 26557 | 0.40 | ng | | 0.00 |
| 34) Perylene-d12 | 23.36 | 264 | 22402 | 0.40 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.25 | 112 | 32850 | 3.38 | ng | | 0.00 |
| 5) Phenol-d6 | 6.79 | 99 | 43957 | 3.64 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.73 | 82 | 42582 | 3.65 | ng | | -0.01 |
| 11) 2-Methylnaphthalene-d10 | 11.96 | 152 | 96838 | 3.33 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.73 | 330 | 19270 | 4.34 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 12.85 | 172 | 134347 | 3.04 | ng | | 0.00 |
| 25) Fluoranthene-d10 | 19.01 | 212 | 257716 | 3.33 | ng | | 0.00 |
| 29) Terphenyl-d14 | 19.62 | 244 | 195537 | 3.41 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.24 | 88 | 11664 | 2.529 | ng | | 98 |
| 3) n-Nitrosodimethylamine | 3.54 | 42 | 8309 | 2.132 | ng | # | 93 |
| 6) bis(2-Chloroethyl)ether | 7.04 | 93 | 36738 | 3.163 | ng | | 99 |
| 9) Naphthalene | 10.42 | 128 | 144687 | 3.186 | ng | | 99 |
| 10) Hexachlorobutadiene | 10.72 | 225 | 34203 | 3.106 | ng | # | 99 |
| 12) 2-Methylnaphthalene | 12.03 | 142 | 104744 | 3.327 | ng | | 99 |
| 16) Acenaphthylene | 13.95 | 152 | 168406 | 3.717 | ng | | 100 |
| 17) Acenaphthene | 14.29 | 154 | 106599 | 3.302 | ng | | 96 |
| 18) Fluorene | 15.28 | 166 | 138780 | 3.237 | ng | | 100 |
| 20) 4-Bromophenyl-phenylether | 16.18 | 248 | 48730 | 3.131 | ng | # | 88 |
| 21) Hexachlorobenzene | 16.29 | 284 | 51859 | 3.244 | ng | | 99 |
| 22) Pentachlorophenol | 16.63 | 266 | 23566 | 4.307 | ng | | 97 |
| 23) Phenanthrene | 17.02 | 178 | 228068 | 3.234 | ng | | 99 |
| 24) Anthracene | 17.11 | 178 | 217402 | 3.606 | ng | | 100 |
| 26) Fluoranthene | 19.04 | 202 | 283507 | 3.281 | ng | | 100 |
| 28) Pyrene | 19.41 | 202 | 285617 | 3.454 | ng | | 100 |
| 30) Benzo(a)anthracene | 21.16 | 228 | 279003 | 3.299 | ng | | 100 |
| 31) Chrysene | 21.22 | 228 | 269109 | 2.967 | ng | | 99 |
| 32) Bis(2-ethylhexyl)phthalate | 21.12 | 149 | 144238 | 5.054 | ng | | 100 |
| 33) Indeno(1,2,3-cd)pyrene | 25.51 | 276 | 237722 | 2.447 | ng | | 99 |
| 35) Benzo(b)fluoranthene | 22.71 | 252 | 240064 | 3.154 | ng | # | 93 |
| 36) Benzo(k)fluoranthene | 22.76 | 252 | 232649 | 3.004 | ng | # | 93 |
| 37) Benzo(a)pyrene | 23.26 | 252 | 211246 | 3.290 | ng | # | 90 |
| 38) Dibenzo(a,h)anthracene | 25.52 | 278 | 194135 | 2.796 | ng | | 94 |
| 39) Benzo(g,h,i)perylene | 26.16 | 276 | 192330 | 2.752 | ng | | 97 |

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

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