Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082419\
Data File : BN007369.D
Acq On : 24 Aug 2019 18:30
Operator : HP/JU
Sample : K4471-03MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** N3-SB1-1.0-1.5-082119MS

Quant Time: Aug 24 23:42:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 24 00:38:17 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.40 | 152 | 5154 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.15 | 136 | 20218 | 0.40 | ng | | -0.01 |
| 13) Acenaphthene-d10 | 14.05 | 164 | 10052 | 0.40 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 16.79 | 188 | 20636 | 0.40 | ng | | 0.00 |
| 27) Chrysene-d12 | 21.02 | 240 | 21643 | 0.40 | ng | | 0.00 |
| 34) Perylene-d12 | 23.13 | 264 | 25962 | 0.40 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.04 | 112 | 5224 | 0.28 | ng | | 0.00 |
| 5) Phenol-d6 | 6.59 | 99 | 6480 | 0.28 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.53 | 82 | 4948 | 0.28 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 11.76 | 152 | 8874 | 0.26 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.55 | 330 | 1439 | 0.27 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 12.66 | 172 | 9522 | 0.23 | ng | | 0.00 |
| 25) Fluoranthene-d10 | 18.84 | 212 | 11398 | 0.17 | ng | | 0.00 |
| 29) Terphenyl-d14 | 19.47 | 244 | 7570 | 0.13 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.01 | 88 | 2050 | 0.239 | ng | # | 88 |
| 3) n-Nitrosodimethylamine | 3.31 | 42 | 1170 | 0.294 | ng | # | 79 |
| 6) bis(2-Chloroethyl)ether | 6.84 | 93 | 5496 | 0.295 | ng | | 98 |
| 9) Naphthalene | 10.20 | 128 | 18964 | 0.328 | ng | # | 91 |
| 10) Hexachlorobutadiene | 10.51 | 225 | 3483 | 0.294 | ng | # | 98 |
| 12) 2-Methylnaphthalene | 11.83 | 142 | 12674 | 0.322 | ng | | 97 |
| 16) Acenaphthylene | 13.76 | 152 | 19300 | 0.325 | ng | | 99 |
| 17) Acenaphthene | 14.11 | 154 | 11277 | 0.324 | ng | | 98 |
| 18) Fluorene | 15.10 | 166 | 13926 | 0.316 | ng | | 98 |
| 20) 4-Bromophenyl-phenylether | 16.01 | 248 | 2441 | 0.300 | ng | | 95 |
| 21) Hexachlorobenzene | 16.11 | 284 | 4417 | 0.319 | ng | | 95 |
| 22) Pentachlorophenol | 16.46 | 266 | 2397 | 0.558 | ng | # | 64 |
| 23) Phenanthrene | 16.84 | 178 | 34219 | 0.551 | ng | | 98 |
| 24) Anthracene | 16.93 | 178 | 20942 | 0.335 | ng | | 100 |
| 26) Fluoranthene | 18.87 | 202 | 49805 | 0.625 | ng | | 100 |
| 28) Pyrene | 19.24 | 202 | 46996 | 0.540 | ng | | 97 |
| 30) Benzo(a)anthracene | 21.00 | 228 | 38576 | 0.454 | ng | | 97 |
| 31) Chrysene | 21.06 | 228 | 39348 | 0.480 | ng | | 99 |
| 32) Bis(2-ethylhexyl)phthalate | 20.97 | 149 | 16787 | 0.286 | ng | | 98 |
| 33) Indeno(1,2,3-cd)pyrene | 25.19 | 276 | 44744 | 0.453 | ng | | 99 |
| 35) Benzo(b)fluoranthene | 22.51 | 252 | 46884 | 0.498 | ng | | 98 |
| 36) Benzo(k)fluoranthene | 22.55 | 252 | 37337 | 0.402 | ng | | 99 |
| 37) Benzo(a)pyrene | 23.03 | 252 | 41284 | 0.461 | ng | # | 97 |
| 38) Dibenzo(a,h)anthracene | 25.20 | 278 | 31550 | 0.353 | ng | # | 85 |
| 39) Benzo(g,h,i)perylene | 25.81 | 276 | 40317 | 0.453 | ng | | 97 |

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

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