Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061119\
Data File : BE099927.D
Acq On : 11 Jun 2019 16:57
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_E
**ClientSampleId :** SSTDCCC0.4

**Manual Integrations APPROVED**
mohammad
6/14/2019 8:37:40 AM

Quant Time: Jun 12 16:38:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 14:57:20 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.78 | 152 | 736 | 0.40 | ng | | -0.01 |
| 7) Naphthalene-d8 | 10.59 | 136 | 2753 | 0.40 | ng | | -0.01 |
| 13) Acenaphthene-d10 | 14.44 | 164 | 2295 | 0.40 | ng | | -0.03 |
| 19) Phenanthrene-d10 | 17.19 | 188 | 7744 | 0.40 | ng | | -0.03 |
| 27) Chrysene-d12 | 21.37 | 240 | 9395 | 0.40 | ng | | -0.04 |
| 34) Perylene-d12 | 23.86 | 264 | 10784 | 0.40 | ng | | -0.07 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.35 | 112 | 689 | 0.35 | ng | | 0.00 |
| 5) Phenol-d6 | 6.97 | 99 | 970 | 0.38 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.96 | 82 | 927 | 0.36 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.19 | 152 | 1955 | 0.41 | ng | | -0.01 |
| 14) 2,4,6-Tribromophenol | 15.94 | 330 | 590m | 0.35 | ng | | -0.03 |
| 15) 2-Fluorobiphenyl | 13.07 | 172 | 3290 | 0.38 | ng | | -0.03 |
| 25) Fluoranthene-d10 | 19.21 | 212 | 39262 | 0.35 | ng | | -0.04 |
| 29) Terphenyl-d14 | 19.82 | 244 | 7485 | 0.44 | ng | | -0.03 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.27 | 88 | 381 | 0.350 | ng | | 96 |
| 3) n-Nitrosodimethylamine | 3.64 | 42 | 225m | 0.358 | ng | | |
| 6) bis(2-Chloroethyl)ether | 7.22 | 93 | 813 | 0.389 | ng | # | 66 |
| 9) Naphthalene | 10.63 | 128 | 12226 | 0.411 | ng | | 99 |
| 10) Hexachlorobutadiene | 10.90 | 225 | 945 | 0.417 | ng | | 98 |
| 12) 2-Methylnaphthalene | 12.27 | 142 | 1962 | 0.406 | ng | | 98 |
| 16) Acenaphthylene | 14.17 | 152 | 4442 | 0.389 | ng | | 100 |
| 17) Acenaphthene | 14.50 | 154 | 2328 | 0.374 | ng | | 99 |
| 18) Fluorene | 15.47 | 166 | 3659 | 0.392 | ng | | 99 |
| 20) 4-Bromophenyl-phenylether | 16.38 | 248 | 1692 | 0.386 | ng | | 92 |
| 21) Hexachlorobenzene | 16.48 | 284 | 1801 | 0.402 | ng | | 99 |
| 22) Pentachlorophenol | 16.88 | 266 | 248 | 0.415 | ng | | 98 |
| 23) Phenanthrene | 17.23 | 178 | 7135 | 0.380 | ng | | 99 |
| 24) Anthracene | 17.32 | 178 | 6029 | 0.350 | ng | | 99 |
| 26) Fluoranthene | 19.24 | 202 | 11297 | 0.354 | ng | | 99 |
| 28) Pyrene | 19.60 | 202 | 11518 | 0.467 | ng | | 100 |
| 30) Benzo(a)anthracene | 21.34 | 228 | 11563 | 0.412 | ng | | 99 |
| 31) Chrysene | 21.40 | 228 | 12267 | 0.423 | ng | | 99 |
| 32) Bis(2-ethylhexyl)phthalate | 21.26 | 149 | 14085 | 0.350 | ng | | 100 |
| 33) Indeno(1,2,3-cd)pyrene | 26.51 | 276 | 14200 | 0.412 | ng | | 100 |
| 35) Benzo(b)fluoranthene | 23.09 | 252 | 11477 | 0.380 | ng | | 98 |
| 36) Benzo(k)fluoranthene | 23.14 | 252 | 12333 | 0.390 | ng | | 99 |
| 37) Benzo(a)pyrene | 23.75 | 252 | 11815 | 0.397 | ng | # | 96 |
| 38) Dibenzo(a,h)anthracene | 26.54 | 278 | 10804 | 0.360 | ng | | 95 |
| 39) Benzo(g,h,i)perylene | 27.32 | 276 | 12270 | 0.396 | ng | | 99 |

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

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