Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061818\
Data File : BE096806.D
Acq On : 18 Jun 2018 13:17
Operator : SJ/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_E
**ClientSampleId :** ICVBE061818

Quant Time: Jun 18 14:42:29 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 18 13:28:13 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.40 | 152 | 2544 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.16 | 136 | 12316 | 0.40 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.03 | 164 | 7006 | 0.40 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 16.78 | 188 | 19419 | 0.40 | ng | | 0.00 |
| 27) Chrysene-d12 | 20.98 | 240 | 15717 | 0.40 | ng | | 0.00 |
| 34) Perylene-d12 | 23.22 | 264 | 14194 | 0.40 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.05 | 112 | 2174 | 0.39 | ng | | 0.00 |
| 5) Phenol-d6 | 6.59 | 99 | 3267 | 0.39 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.53 | 82 | 2678 | 0.39 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 11.74 | 152 | 7374 | 0.37 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.53 | 330 | 557 | 0.38 | ng | | 0.01 |
| 15) 2-Fluorobiphenyl | 12.64 | 172 | 10967 | 0.38 | ng | | 0.00 |
| 25) Fluoranthene-d10 | 18.82 | 212 | 68884 | 0.36 | ng | | 0.00 |
| 29) Terphenyl-d14 | 19.44 | 244 | 13580 | 0.38 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.10 | 88 | 1642 | 0.399 | ng | # | 87 |
| 3) n-Nitrosodimethylamine | 3.38 | 42 | 1654 | 0.381 | ng | # | 84 |
| 6) bis(2-Chloroethyl)ether | 6.85 | 93 | 3631 | 0.370 | ng | | 97 |
| 9) Naphthalene | 10.20 | 128 | 45757 | 0.378 | ng | | 99 |
| 10) Hexachlorobutadiene | 10.50 | 225 | 1930 | 0.382 | ng | | 97 |
| 12) 2-Methylnaphthalene | 11.81 | 142 | 7550 | 0.372 | ng | | 100 |
| 16) Acenaphthylene | 13.74 | 152 | 11838 | 0.358 | ng | | 100 |
| 17) Acenaphthene | 14.08 | 154 | 8277 | 0.373 | ng | | 94 |
| 18) Fluorene | 15.07 | 166 | 9691 | 0.369 | ng | # | 80 |
| 20) 4-Bromophenyl-phenylether | 15.98 | 248 | 3500 | 0.370 | ng | # | 84 |
| 21) Hexachlorobenzene | 16.09 | 284 | 4105 | 0.369 | ng | # | 80 |
| 22) Pentachlorophenol | 16.43 | 266 | 661 | 0.379 | ng | # | 75 |
| 23) Phenanthrene | 16.81 | 178 | 19760 | 0.374 | ng | | 98 |
| 24) Anthracene | 16.90 | 178 | 15813 | 0.365 | ng | | 95 |
| 26) Fluoranthene | 18.84 | 202 | 20016 | 0.358 | ng | | 99 |
| 28) Pyrene | 19.21 | 202 | 19520 | 0.378 | ng | | 99 |
| 30) Benzo(a)anthracene | 20.97 | 228 | 13363 | 0.351 | ng | | 96 |
| 31) Chrysene | 21.02 | 228 | 18032 | 0.376 | ng | | 100 |
| 32) Bis(2-ethylhexyl)phthalate | 20.93 | 149 | 10871 | 0.380 | ng | | 99 |
| 33) Indeno(1,2,3-cd)pyrene | 25.51 | 276 | 13613 | 0.378 | ng | | 95 |
| 35) Benzo(b)fluoranthene | 22.54 | 252 | 13235 | 0.339 | ng | # | 89 |
| 36) Benzo(k)fluoranthene | 22.59 | 252 | 16306 | 0.352 | ng | | 96 |
| 37) Benzo(a)pyrene | 23.11 | 252 | 11022 | 0.325 | ng | | 94 |
| 38) Dibenzo(a,h)anthracene | 25.54 | 278 | 11372 | 0.359 | ng | | 96 |
| 39) Benzo(g,h,i)perylene | 26.21 | 276 | 12604 | 0.350 | ng | # | 92 |

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

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