Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE100318\
Data File : BE097708.D
Acq On : 3 Oct 2018 9:43
Operator : SJ/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** BNA_E
**ClientSampleId :** SSTDICCC0.4

Quant Time: Oct 03 11:31:34 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE100318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 03 11:25:02 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.90 | 152 | 5205 | 0.40 | ng | 0.00 |
| 7) Naphthalene-d8 | 10.69 | 136 | 21390 | 0.40 | ng | 0.00 |
| 13) Acenaphthene-d10 | 14.56 | 164 | 11931 | 0.40 | ng | 0.00 |
| 19) Phenanthrene-d10 | 17.30 | 188 | 33272 | 0.40 | ng | 0.00 |
| 27) Chrysene-d12 | 21.49 | 240 | 45213 | 0.40 | ng | 0.00 |
| 34) Perylene-d12 | 24.04 | 264 | 40683 | 0.40 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) 2-Fluorophenol | 5.47 | 112 | 4680 | 0.36 | ng | 0.00 |
| 5) Phenol-d6 | 7.05 | 99 | 7361 | 0.42 | ng | 0.00 |
| 8) Nitrobenzene-d5 | 9.04 | 82 | 2597 | 0.17 | ng | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.30 | 152 | 13314 | 0.40 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol | 16.04 | 330 | 697 | 0.15 | ng | 0.00 |
| 15) 2-Fluorobiphenyl | 13.19 | 172 | 19801 | 0.40 | ng | 0.00 |
| 25) Fluoranthene-d10 | 19.33 | 212 | 156426 | 0.39 | ng | 0.00 |
| 29) Terphenyl-d14 | 19.94 | 244 | 32965 | 0.34 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.39 | 88 | 3859 | 0.356 | ng | 100 |
| 3) n-Nitrosodimethylamine | 3.71 | 42 | 3566 | 0.547 | ng | 99 |
| 6) bis(2-Chloroethyl)ether | 7.31 | 93 | 7528 | 0.433 | ng | 100 |
| 9) Naphthalene | 10.74 | 128 | 84413 | 0.400 | ng | 100 |
| 10) Hexachlorobutadiene | 11.04 | 225 | 4418 | 0.447 | ng | 100 |
| 12) 2-Methylnaphthalene | 12.37 | 142 | 13258 | 0.411 | ng | 100 |
| 16) Acenaphthylene | 14.27 | 152 | 20114 | 0.395 | ng | 100 |
| 17) Acenaphthene | 14.62 | 154 | 12832 | 0.375 | ng | 100 |
| 18) Fluorene | 15.60 | 166 | 17118 | 0.391 | ng | 100 |
| 20) 4-Bromophenyl-phenylether | 16.50 | 248 | 6506 | 0.384 | ng | 100 |
| 21) Hexachlorobenzene | 16.60 | 284 | 7463 | 0.391 | ng | 100 |
| 22) Pentachlorophenol | 16.95 | 266 | 1088 | 0.248 | ng | 100 |
| 23) Phenanthrene | 17.34 | 178 | 32647 | 0.379 | ng | 100 |
| 24) Anthracene | 17.43 | 178 | 27053 | 0.382 | ng | 100 |
| 26) Fluoranthene | 19.36 | 202 | 40794 | 0.382 | ng | 100 |
| 28) Pyrene | 19.72 | 202 | 41429 | 0.352 | ng | 100 |
| 30) Benzo(a)anthracene | 21.48 | 228 | 43552 | 0.389 | ng | 100 |
| 31) Chrysene | 21.52 | 228 | 50156 | 0.359 | ng | 100 |
| 32) Bis(2-ethylhexyl)phthalate | 21.41 | 149 | 30709 | 0.223 | ng | 100 |
| 33) Indeno(1,2,3-cd)pyrene | 26.74 | 276 | 43319 | 0.293 | ng | 100 |
| 35) Benzo(b)fluoranthene | 23.26 | 252 | 39785 | 0.338 | ng | 100 |
| 36) Benzo(k)fluoranthene | 23.31 | 252 | 44357 | 0.327 | ng | 100 |
| 37) Benzo(a)pyrene | 23.93 | 252 | 36173 | 0.321 | ng | 100 |
| 38) Dibenzo(a,h)anthracene | 26.77 | 278 | 35733 | 0.292 | ng | 100 |
| 39) Benzo(g,h,i)perylene | 27.56 | 276 | 38235 | 0.308 | ng | 100 |

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

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