Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062119\
Data File : BE100139.D
Acq On : 21 Jun 2019 16:51
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Jun 22 02:03:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 19 15:07:24 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.72 | 152 | 484 | 0.40 | ng | | -0.01 |
| 7) Naphthalene-d8 | 10.52 | 136 | 2002 | 0.40 | ng | | -0.01 |
| 13) Acenaphthene-d10 | 14.40 | 164 | 1889 | 0.40 | ng | | -0.01 |
| 19) Phenanthrene-d10 | 17.15 | 188 | 6600 | 0.40 | ng | | -0.01 |
| 27) Chrysene-d12 | 21.34 | 240 | 7845 | 0.40 | ng | | 0.00 |
| 34) Perylene-d12 | 23.83 | 264 | 8831 | 0.40 | ng | | -0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.29 | 112 | 570 | 0.57 | ng | | -0.01 |
| 5) Phenol-d6 | 6.92 | 99 | 795 | 0.58 | ng | | -0.01 |
| 8) Nitrobenzene-d5 | 8.90 | 82 | 784 | 0.40 | ng | | -0.01 |
| 11) 2-Methylnaphthalene-d10 | 12.14 | 152 | 1680 | 0.44 | ng | | -0.01 |
| 14) 2,4,6-Tribromophenol | 15.90 | 330 | 476 | 0.46 | ng | | -0.01 |
| 15) 2-Fluorobiphenyl | 13.03 | 172 | 2898 | 0.39 | ng | | -0.01 |
| 25) Fluoranthene-d10 | 19.19 | 212 | 36424 | 0.39 | ng | | 0.00 |
| 29) Terphenyl-d14 | 19.79 | 244 | 7383 | 0.47 | ng | | -0.01 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.19 | 88 | 330 | 0.425 | ng | # | 83 |
| 3) n-Nitrosodimethylamine | 3.55 | 42 | 129 | 0.594 | ng | # | 100 |
| 6) bis(2-Chloroethyl)ether | 7.16 | 93 | 551 | 0.421 | ng | # | 65 |
| 9) Naphthalene | 10.58 | 128 | 8732 | 0.401 | ng | | 100 |
| 10) Hexachlorobutadiene | 10.85 | 225 | 746 | 0.349 | ng | | 95 |
| 12) 2-Methylnaphthalene | 12.21 | 142 | 1607 | 0.449 | ng | | 98 |
| 16) Acenaphthylene | 14.13 | 152 | 3754 | 0.419 | ng | | 99 |
| 17) Acenaphthene | 14.47 | 154 | 2096 | 0.418 | ng | | 98 |
| 18) Fluorene | 15.45 | 166 | 3290 | 0.441 | ng | | 99 |
| 20) 4-Bromophenyl-phenylether | 16.34 | 248 | 1578 | 0.402 | ng | # | 89 |
| 21) Hexachlorobenzene | 16.45 | 284 | 1636 | 0.378 | ng | | 98 |
| 22) Pentachlorophenol | 16.83 | 266 | 372 | 0.507 | ng | | 86 |
| 23) Phenanthrene | 17.20 | 178 | 6166 | 0.390 | ng | | 99 |
| 24) Anthracene | 17.29 | 178 | 5373 | 0.403 | ng | | 97 |
| 26) Fluoranthene | 19.22 | 202 | 9641 | 0.380 | ng | | 99 |
| 28) Pyrene | 19.59 | 202 | 9954 | 0.494 | ng | | 99 |
| 30) Benzo(a)anthracene | 21.33 | 228 | 9833 | 0.421 | ng | | 97 |
| 31) Chrysene | 21.38 | 228 | 10887 | 0.401 | ng | | 99 |
| 32) Bis(2-ethylhexyl)phthalate | 21.25 | 149 | 15851 | 0.720 | ng | | 100 |
| 33) Indeno(1,2,3-cd)pyrene | 26.47 | 276 | 10258 | 0.336 | ng | # | 96 |
| 35) Benzo(b)fluoranthene | 23.07 | 252 | 9670 | 0.373 | ng | | 97 |
| 36) Benzo(k)fluoranthene | 23.11 | 252 | 10510 | 0.357 | ng | | 99 |
| 37) Benzo(a)pyrene | 23.72 | 252 | 9301 | 0.372 | ng | | 96 |
| 38) Dibenzo(a,h)anthracene | 26.49 | 278 | 7521 | 0.293 | ng | | 97 |
| 39) Benzo(g,h,i)perylene | 27.28 | 276 | 9633 | 0.362 | ng | | 98 |

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

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