Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092118\
Data File : BE097642.D
Acq On : 22 Sep 2018 10:35
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 32 Sample Multiplier: 1

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

**Manual Integrations APPROVED**
Sohil
9/24/2018 8:31:08 AM

Quant Time: Sep 24 02:59:51 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE091918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 20 10:54:43 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.37 | 152 | 870 | 0.40 | ng | | -0.01 |
| 7) Naphthalene-d8 | 10.13 | 136 | 4378 | 0.40 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.00 | 164 | 3083 | 0.40 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 16.75 | 188 | 9530 | 0.40 | ng | | 0.00 |
| 27) Chrysene-d12 | 20.97 | 240 | 10232 | 0.40 | ng | | 0.00 |
| 34) Perylene-d12 | 23.20 | 264 | 9960 | 0.40 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.05 | 112 | 904 | 0.35 | ng | | 0.00 |
| 5) Phenol-d6 | 6.61 | 99 | 1306m | 0.39 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.53 | 82 | 1133 | 0.34 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 11.72 | 152 | 2560 | 0.42 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.52 | 330 | 515 | 0.44 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 12.62 | 172 | 3932 | 0.36 | ng | | 0.00 |
| 25) Fluoranthene-d10 | 18.80 | 212 | 38906 | 0.32 | ng | | 0.00 |
| 29) Terphenyl-d14 | 19.42 | 244 | 7730 | 0.41 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.07 | 88 | 580 | 0.389 | ng | # | 83 |
| 3) n-Nitrosodimethylamine | 3.38 | 42 | 438m | 0.349 | ng | | |
| 6) bis(2-Chloroethyl)ether | 6.83 | 93 | 1104 | 0.357 | ng | | 76 |
| 9) Naphthalene | 10.17 | 128 | 15825 | 0.401 | ng | | 99 |
| 10) Hexachlorobutadiene | 10.46 | 225 | 704 | 0.387 | ng | | 97 |
| 12) 2-Methylnaphthalene | 11.80 | 142 | 2570 | 0.418 | ng | | 98 |
| 16) Acenaphthylene | 13.71 | 152 | 4883 | 0.401 | ng | | 99 |
| 17) Acenaphthene | 14.06 | 154 | 3266 | 0.400 | ng | | 96 |
| 18) Fluorene | 15.05 | 166 | 4468 | 0.419 | ng | # | 79 |
| 20) 4-Bromophenyl-phenylether | 15.96 | 248 | 1688 | 0.393 | ng | # | 87 |
| 21) Hexachlorobenzene | 16.07 | 284 | 1857 | 0.393 | ng | # | 85 |
| 22) Pentachlorophenol | 16.44 | 266 | 447 | 0.341 | ng | # | 77 |
| 23) Phenanthrene | 16.80 | 178 | 8820 | 0.390 | ng | | 99 |
| 24) Anthracene | 16.89 | 178 | 7281 | 0.364 | ng | | 96 |
| 26) Fluoranthene | 18.83 | 202 | 10304 | 0.328 | ng | | 98 |
| 28) Pyrene | 19.20 | 202 | 10459 | 0.449 | ng | | 100 |
| 30) Benzo(a)anthracene | 20.95 | 228 | 9204 | 0.357 | ng | | 97 |
| 31) Chrysene | 21.00 | 228 | 11145 | 0.403 | ng | | 99 |
| 32) Bis(2-ethylhexyl)phthalate | 20.91 | 149 | 11884 | 0.285 | ng | | 99 |
| 33) Indeno(1,2,3-cd)pyrene | 25.50 | 276 | 12853 | 0.386 | ng | # | 93 |
| 35) Benzo(b)fluoranthene | 22.53 | 252 | 9416 | 0.369 | ng | # | 90 |
| 36) Benzo(k)fluoranthene | 22.58 | 252 | 11714 | 0.402 | ng | | 95 |
| 37) Benzo(a)pyrene | 23.11 | 252 | 9456 | 0.383 | ng | | 92 |
| 38) Dibenzo(a,h)anthracene | 25.52 | 278 | 10514 | 0.393 | ng | | 96 |
| 39) Benzo(g,h,i)perylene | 26.20 | 276 | 10202 | 0.392 | ng | # | 88 |

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

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