Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071918\
Data File : BE097014.D
Acq On : 19 Jul 2018 20:48
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Jul 20 04:33:44 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 17 15:02:56 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.39 | 152 | 1466 | 0.40 | ng | | -0.01 |
| 7) Naphthalene-d8 | 10.15 | 136 | 7250 | 0.40 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.01 | 164 | 4442 | 0.40 | ng | | -0.01 |
| 19) Phenanthrene-d10 | 16.77 | 188 | 12592 | 0.40 | ng | | -0.01 |
| 27) Chrysene-d12 | 20.98 | 240 | 12583 | 0.40 | ng | | 0.00 |
| 34) Perylene-d12 | 23.21 | 264 | 11885 | 0.40 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.05 | 112 | 1495 | 0.43 | ng | | 0.00 |
| 5) Phenol-d6 | 6.60 | 99 | 2146 | 0.40 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.53 | 82 | 2256 | 0.43 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 11.73 | 152 | 3926 | 0.37 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.52 | 330 | 485 | 0.48 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 12.63 | 172 | 5815 | 0.35 | ng | | -0.01 |
| 25) Fluoranthene-d10 | 18.81 | 212 | 47343 | 0.43 | ng | | 0.00 |
| 29) Terphenyl-d14 | 19.43 | 244 | 9002 | 0.37 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.09 | 88 | 851 | 0.406 | ng | # | 84 |
| 3) n-Nitrosodimethylamine | 3.38 | 42 | 1024 | 0.434 | ng | | 87 |
| 6) bis(2-Chloroethyl)ether | 6.84 | 93 | 2015 | 0.384 | ng | | 98 |
| 9) Naphthalene | 10.20 | 128 | 24400 | 0.376 | ng | | 100 |
| 10) Hexachlorobutadiene | 10.50 | 225 | 1120 | 0.427 | ng | | 97 |
| 12) 2-Methylnaphthalene | 11.80 | 142 | 4145 | 0.377 | ng | | 99 |
| 16) Acenaphthylene | 13.74 | 152 | 7447 | 0.367 | ng | | 100 |
| 17) Acenaphthene | 14.08 | 154 | 4468 | 0.354 | ng | # | 93 |
| 18) Fluorene | 15.08 | 166 | 5767 | 0.407 | ng | # | 79 |
| 20) 4-Bromophenyl-phenylether | 15.97 | 248 | 2258 | 0.379 | ng | # | 82 |
| 21) Hexachlorobenzene | 16.08 | 284 | 2476 | 0.374 | ng | # | 82 |
| 22) Pentachlorophenol | 16.43 | 266 | 552 | 0.549 | ng | # | 76 |
| 23) Phenanthrene | 16.81 | 178 | 11322 | 0.375 | ng | | 99 |
| 24) Anthracene | 16.90 | 178 | 9883 | 0.377 | ng | | 95 |
| 26) Fluoranthene | 18.84 | 202 | 13018 | 0.409 | ng | | 98 |
| 28) Pyrene | 19.21 | 202 | 13019 | 0.351 | ng | | 99 |
| 30) Benzo(a)anthracene | 20.95 | 228 | 11628 | 0.388 | ng | | 98 |
| 31) Chrysene | 21.01 | 228 | 12557 | 0.374 | ng | | 99 |
| 32) Bis(2-ethylhexyl)phthalate | 20.93 | 149 | 11817 | 0.395 | ng | | 99 |
| 33) Indeno(1,2,3-cd)pyrene | 25.51 | 276 | 12292 | 0.502 | ng | # | 93 |
| 35) Benzo(b)fluoranthene | 22.54 | 252 | 10427 | 0.344 | ng | # | 88 |
| 36) Benzo(k)fluoranthene | 22.58 | 252 | 12071 | 0.335 | ng | | 96 |
| 37) Benzo(a)pyrene | 23.11 | 252 | 9176 | 0.367 | ng | # | 93 |
| 38) Dibenzo(a,h)anthracene | 25.54 | 278 | 10482 | 0.471 | ng | # | 95 |
| 39) Benzo(g,h,i)perylene | 26.21 | 276 | 10744 | 0.436 | ng | # | 89 |

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

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