Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE060519\
Data File : BE099804.D
Acq On : 5 Jun 2019 13:39
Operator : JU/SJ
Sample : SSTDICC0.1
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICC0.1

**Manual Integrations APPROVED**
mohammad
6/6/2019 3:42:57 PM

Quant Time: Jun 05 14:35:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE060519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 05 14:13:52 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.82 | 152 | 909 | 0.40 | ng | | 0.01 |
| 7) Naphthalene-d8 | 10.63 | 136 | 3326 | 0.40 | ng | | 0.01 |
| 13) Acenaphthene-d10 | 14.50 | 164 | 2481 | 0.40 | ng | | 0.03 |
| 19) Phenanthrene-d10 | 17.24 | 188 | 8211 | 0.40 | ng | | 0.01 |
| 27) Chrysene-d12 | 21.41 | 240 | 15321 | 0.40 | ng | | 0.00 |
| 34) Perylene-d12 | 23.96 | 264 | 17297 | 0.40 | ng | | 0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.38 | 112 | 200 | 0.09 | ng | | 0.01 |
| 5) Phenol-d6 | 6.99 | 99 | 220 | 0.07 | ng | | 0.02 |
| 8) Nitrobenzene-d5 | 9.00 | 82 | 196 | 0.07 | ng | | 0.04 |
| 11) 2-Methylnaphthalene-d10 | 12.25 | 152 | 536 | 0.09 | ng | | 0.04 |
| 14) 2,4,6-Tribromophenol | 16.01 | 330 | 96 | 0.07 | ng | | 0.03 |
| 15) 2-Fluorobiphenyl | 13.13 | 172 | 858 | 0.09 | ng | | 0.03 |
| 25) Fluoranthene-d10 | 19.27 | 212 | 12018 | 0.11 | ng | | 0.01 |
| 29) Terphenyl-d14 | 19.87 | 244 | 2165 | 0.08 | ng | | 0.02 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.28 | 88 | 146 | 0.109 | ng | | 100 |
| 6) bis(2-Chloroethyl)ether | 7.24 | 93 | 193 | 0.071 | ng | | 88 |
| 9) Naphthalene | 10.68 | 128 | 3370 | 0.095 | ng | # | 91 |
| 10) Hexachlorobutadiene | 10.95 | 225 | 270 | 0.103 | ng | | 95 |
| 12) 2-Methylnaphthalene | 12.32 | 142 | 545m | 0.094 | ng | | |
| 16) Acenaphthylene | 14.21 | 152 | 1124 | 0.097 | ng | | 99 |
| 17) Acenaphthene | 14.56 | 154 | 581 | 0.090 | ng | | 93 |
| 18) Fluorene | 15.54 | 166 | 889 | 0.093 | ng | # | 98 |
| 20) 4-Bromophenyl-phenylether | 16.44 | 248 | 388 | 0.082 | ng | | 96 |
| 21) Hexachlorobenzene | 16.53 | 284 | 500m | 0.103 | ng | | |
| 23) Phenanthrene | 17.28 | 178 | 1723 | 0.086 | ng | | 99 |
| 24) Anthracene | 17.37 | 178 | 1505m | 0.083 | ng | | |
| 26) Fluoranthene | 19.30 | 202 | 3294 | 0.104 | ng | | 98 |
| 28) Pyrene | 19.66 | 202 | 3449 | 0.090 | ng | | 99 |
| 30) Benzo(a)anthracene | 21.40 | 228 | 3554 | 0.082 | ng | | 98 |
| 31) Chrysene | 21.46 | 228 | 4431 | 0.095 | ng | | 96 |
| 32) Bis(2-ethylhexyl)phthalate | 21.32 | 149 | 4853 | 0.097 | ng | | 99 |
| 33) Indeno(1,2,3-cd)pyrene | 26.66 | 276 | 5292 | 0.094 | ng | # | 95 |
| 35) Benzo(b)fluoranthene | 23.18 | 252 | 4383m | 0.092 | ng | | |
| 36) Benzo(k)fluoranthene | 23.23 | 252 | 4700 | 0.095 | ng | # | 93 |
| 37) Benzo(a)pyrene | 23.84 | 252 | 4279 | 0.094 | ng | # | 80 |
| 38) Dibenzo(a,h)anthracene | 26.68 | 278 | 4062 | 0.085 | ng | # | 82 |
| 39) Benzo(g,h,i)perylene | 27.48 | 276 | 4665 | 0.096 | ng | # | 92 |

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

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