Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE050919\
Data File : BE099582.D
Acq On : 9 May 2019 9:21
Operator : JU/SJ
Sample : SSTDICC0.1
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Manual Integrations APPROVED
Sohil
5/13/2019 8:32:30 PM

Quant Time: May 09 12:47:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE050919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 09 11:50:46 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.83 | 152 | 1468 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.63 | 136 | 5199 | 0.40 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.50 | 164 | 3468 | 0.40 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.24 | 188 | 9866 | 0.40 | ng | | 0.00 |
| 27) Chrysene-d12 | 21.43 | 240 | 14290 | 0.40 | ng | | 0.00 |
| 34) Perylene-d12 | 23.98 | 264 | 16208 | 0.40 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.39 | 112 | 367 | 0.09 | ng | | 0.00 |
| 5) Phenol-d6 | 6.99 | 99 | 439 | 0.08 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.99 | 82 | 399 | 0.08 | ng | | 0.01 |
| 11) 2-Methylnaphthalene-d10 | 12.24 | 152 | 813 | 0.09 | ng | | 0.02 |
| 14) 2,4,6-Tribromophenol | 16.00 | 330 | 157 | 0.07 | ng | | 0.01 |
| 15) 2-Fluorobiphenyl | 13.12 | 172 | 1342 | 0.10 | ng | | 0.00 |
| 25) Fluoranthene-d10 | 19.28 | 212 | 12762 | 0.10 | ng | | 0.00 |
| 29) Terphenyl-d14 | 19.87 | 244 | 2418 | 0.09 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.31 | 88 | 237 | 0.114 | ng | | 97 |
| 6) bis(2-Chloroethyl)ether | 7.25 | 93 | 390 | 0.087 | ng | | 94 |
| 9) Naphthalene | 10.68 | 128 | 5321 | 0.097 | ng | # | 97 |
| 10) Hexachlorobutadiene | 10.95 | 225 | 403 | 0.101 | ng | | 99 |
| 12) 2-Methylnaphthalene | 12.31 | 142 | 838 | 0.090 | ng | | 97 |
| 16) Acenaphthylene | 14.21 | 152 | 1545 | 0.092 | ng | | 99 |
| 17) Acenaphthene | 14.56 | 154 | 866 | 0.093 | ng | | 99 |
| 18) Fluorene | 15.54 | 166 | 1249 | 0.094 | ng | | 98 |
| 20) 4-Bromophenyl-phenylether | 16.44 | 248 | 530 | 0.095 | ng | | 94 |
| 21) Hexachlorobenzene | 16.54 | 284 | 543 | 0.097 | ng | | 96 |
| 23) Phenanthrene | 17.28 | 178 | 2302 | 0.095 | ng | | 97 |
| 24) Anthracene | 17.37 | 178 | 2069 | 0.088 | ng | | 99 |
| 26) Fluoranthene | 19.30 | 202 | 3502 | 0.094 | ng | | 99 |
| 28) Pyrene | 19.67 | 202 | 3688 | 0.096 | ng | | 98 |
| 30) Benzo(a)anthracene | 21.41 | 228 | 4107m | 0.093 | ng | | |
| 31) Chrysene | 21.46 | 228 | 4197 | 0.096 | ng | | 95 |
| 32) Bis(2-ethylhexyl)phthalate | 21.32 | 149 | 7394 | 0.105 | ng | | 99 |
| 33) Indeno(1,2,3-cd)pyrene | 26.67 | 276 | 5341 | 0.103 | ng | # | 95 |
| 35) Benzo(b)fluoranthene | 23.19 | 252 | 4230 | 0.095 | ng | # | 84 |
| 36) Benzo(k)fluoranthene | 23.24 | 252 | 4095 | 0.093 | ng | # | 86 |
| 37) Benzo(a)pyrene | 23.86 | 252 | 4167 | 0.097 | ng | # | 76 |
| 38) Dibenzo(a,h)anthracene | 26.70 | 278 | 4201 | 0.094 | ng | # | 88 |
| 39) Benzo(g,h,i)perylene | 27.51 | 276 | 4307 | 0.096 | ng | # | 91 |

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

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