Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE050619\
Data File : BE099555.D
Acq On : 6 May 2019 17:50
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

**Manual Integrations APPROVED**
mohammad
5/7/2019 3:11:22 PM

Quant Time: May 07 08:33:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE042919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 07 08:07:29 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.83 | 152 | 3940 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.63 | 136 | 14769 | 0.40 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.50 | 164 | 10304 | 0.40 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.24 | 188 | 31066 | 0.40 | ng | | 0.00 |
| 27) Chrysene-d12 | 21.43 | 240 | 41386 | 0.40 | ng | | -0.01 |
| 34) Perylene-d12 | 23.98 | 264 | 48248 | 0.40 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.38 | 112 | 4369 | 0.40 | ng | | 0.00 |
| 5) Phenol-d6 | 6.99 | 99 | 6334 | 0.44 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.98 | 82 | 6177 | 0.45 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.22 | 152 | 10554 | 0.40 | ng | | -0.01 |
| 14) 2,4,6-Tribromophenol | 15.98 | 330 | 3161 | 0.49 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.12 | 172 | 16345 | 0.42 | ng | | 0.00 |
| 25) Fluoranthene-d10 | 19.28 | 212 | 169151 | 0.40 | ng | | 0.00 |
| 29) Terphenyl-d14 | 19.87 | 244 | 35610 | 0.47 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.31 | 88 | 1897 | 0.350 | ng | | 93 |
| 3) n-Nitrosodimethylamine | 3.63 | 42 | 1698m | 0.520 | ng | | |
| 6) bis(2-Chloroethyl)ether | 7.24 | 93 | 4978 | 0.398 | ng | | 98 |
| 9) Naphthalene | 10.68 | 128 | 65035 | 0.404 | ng | | 100 |
| 10) Hexachlorobutadiene | 10.95 | 225 | 4649 | 0.415 | ng | | 98 |
| 12) 2-Methylnaphthalene | 12.31 | 142 | 11132 | 0.398 | ng | | 93 |
| 16) Acenaphthylene | 14.21 | 152 | 21093 | 0.418 | ng | | 99 |
| 17) Acenaphthene | 14.56 | 154 | 11856 | 0.412 | ng | | 100 |
| 18) Fluorene | 15.54 | 166 | 17291 | 0.407 | ng | | 100 |
| 20) 4-Bromophenyl-phenylether | 16.44 | 248 | 7345 | 0.406 | ng | # | 83 |
| 21) Hexachlorobenzene | 16.55 | 284 | 7174 | 0.416 | ng | | 99 |
| 22) Pentachlorophenol | 16.89 | 266 | 3611 | 0.564 | ng | | 98 |
| 23) Phenanthrene | 17.28 | 178 | 31862 | 0.397 | ng | | 99 |
| 24) Anthracene | 17.38 | 178 | 30634 | 0.401 | ng | | 99 |
| 26) Fluoranthene | 19.30 | 202 | 49287 | 0.410 | ng | | 99 |
| 28) Pyrene | 19.67 | 202 | 51139 | 0.474 | ng | | 99 |
| 30) Benzo(a)anthracene | 21.41 | 228 | 59228 | 0.449 | ng | | 98 |
| 31) Chrysene | 21.46 | 228 | 58259 | 0.451 | ng | | 99 |
| 32) Bis(2-ethylhexyl)phthalate | 21.33 | 149 | 97301 | 0.451 | ng | | 100 |
| 33) Indeno(1,2,3-cd)pyrene | 26.69 | 276 | 70002 | 0.459 | ng | | 99 |
| 35) Benzo(b)fluoranthene | 23.19 | 252 | 58098m | 0.418 | ng | | |
| 36) Benzo(k)fluoranthene | 23.25 | 252 | 55247 | 0.412 | ng | | 99 |
| 37) Benzo(a)pyrene | 23.87 | 252 | 55402 | 0.421 | ng | # | 94 |
| 38) Dibenzo(a,h)anthracene | 26.72 | 278 | 57863 | 0.430 | ng | # | 96 |
| 39) Benzo(g,h,i)perylene | 27.53 | 276 | 57565 | 0.427 | ng | | 98 |

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

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