Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122018\
Data File : BN004150.D
Acq On : 20 Dec 2018 15:02
Operator : JU/SJ
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** SSTDICCC0.4

**Manual Integrations APPROVED**
Sohil
12/21/2018 2:48:11 PM

Quant Time: Dec 20 16:35:33 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN122018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 20 16:25:43 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.83 | 152 | 1726 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.63 | 136 | 9599 | 0.40 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.47 | 164 | 6169 | 0.40 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.22 | 188 | 15565 | 0.40 | ng | | 0.00 |
| 27) Chrysene-d12 | 21.41 | 240 | 15981 | 0.40 | ng | | 0.00 |
| 34) Perylene-d12 | 23.73 | 264 | 14839 | 0.40 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.41 | 112 | 2179 | 0.51 | ng | | 0.00 |
| 5) Phenol-d6 | 7.00 | 99 | 2823 | 0.52 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 9.00 | 82 | 2286 | 0.54 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.22 | 152 | 6143 | 0.39 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.97 | 330 | 1335 | 0.54 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.08 | 172 | 8953 | 0.34 | ng | | 0.00 |
| 25) Fluoranthene-d10 | 19.24 | 212 | 16969 | 0.37 | ng | | 0.00 |
| 29) Terphenyl-d14 | 19.84 | 244 | 14698 | 0.40 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.33 | 88 | 528 | 0.236 | ng | | 94 |
| 3) n-Nitrosodimethylamine | 3.68 | 42 | 270 | 0.263 | ng | # | 60 |
| 6) bis(2-Chloroethyl)ether | 7.26 | 93 | 2003 | 0.416 | ng | | 99 |
| 9) Naphthalene | 10.67 | 128 | 9090 | 0.387 | ng | | 97 |
| 10) Hexachlorobutadiene | 10.93 | 225 | 1564 | 0.365 | ng | # | 99 |
| 12) 2-Methylnaphthalene | 12.29 | 142 | 6623 | 0.404 | ng | | 99 |
| 16) Acenaphthylene | 14.19 | 152 | 10714 | 0.390 | ng | | 100 |
| 17) Acenaphthene | 14.52 | 154 | 7230 | 0.379 | ng | | 99 |
| 18) Fluorene | 15.51 | 166 | 8983 | 0.377 | ng | | 100 |
| 20) 4-Bromophenyl-phenylether | 16.40 | 248 | 3200 | 0.355 | ng | # | 77 |
| 21) Hexachlorobenzene | 16.51 | 284 | 3675 | 0.387 | ng | | 96 |
| 22) Pentachlorophenol | 16.89 | 266 | 633m | 0.246 | ng | | |
| 23) Phenanthrene | 17.26 | 178 | 15718 | 0.368 | ng | | 100 |
| 24) Anthracene | 17.34 | 178 | 14214 | 0.388 | ng | | 100 |
| 26) Fluoranthene | 19.27 | 202 | 18459 | 0.376 | ng | | 98 |
| 28) Pyrene | 19.64 | 202 | 18968 | 0.429 | ng | | 100 |
| 30) Benzo(a)anthracene | 21.38 | 228 | 16746 | 0.400 | ng | | 99 |
| 31) Chrysene | 21.44 | 228 | 16695 | 0.370 | ng | | 99 |
| 32) Bis(2-ethylhexyl)phthalate | 21.28 | 149 | 9428 | 0.761 | ng | | 100 |
| 33) Indeno(1,2,3-cd)pyrene | 26.10 | 276 | 18297 | 0.391 | ng | | 100 |
| 35) Benzo(b)fluoranthene | 23.02 | 252 | 15592 | 0.337 | ng | | 97 |
| 36) Benzo(k)fluoranthene | 23.07 | 252 | 16748 | 0.365 | ng | | 97 |
| 37) Benzo(a)pyrene | 23.62 | 252 | 15255 | 0.362 | ng | # | 95 |
| 38) Dibenzo(a,h)anthracene | 26.10 | 278 | 15356 | 0.391 | ng | | 96 |
| 39) Benzo(g,h,i)perylene | 26.82 | 276 | 15107 | 0.385 | ng | | 96 |

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

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