Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061520\
Data File : BN010867.D
Acq On : 15 Jun 2020 09:48
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** SSTDCCC0.4

Quant Time: Jun 15 11:11:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 15 11:09:46 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.55 | 152 | 3175 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.30 | 136 | 11681 | 0.40 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.17 | 164 | 6555 | 0.40 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 16.92 | 188 | 12415 | 0.40 | ng | | 0.00 |
| 27) Chrysene-d12 | 21.13 | 240 | 10881 | 0.40 | ng | | 0.00 |
| 34) Perylene-d12 | 23.28 | 264 | 11385 | 0.40 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.20 | 112 | 3084 | 0.50 | ng | | 0.00 |
| 5) Phenol-d6 | 6.74 | 99 | 3524 | 0.49 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.68 | 82 | 3592 | 0.42 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 11.89 | 152 | 7824 | 0.43 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.67 | 330 | 855 | 0.36 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 12.79 | 172 | 10681 | 0.41 | ng | | 0.00 |
| 25) Fluoranthene-d10 | 18.96 | 212 | 14067 | 0.41 | ng | | 0.00 |
| 29) Terphenyl-d14 | 19.57 | 244 | 10858 | 0.43 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.22 | 88 | 1337 | 0.430 | ng | | 98 |
| 3) n-Nitrosodimethylamine | 3.55 | 42 | 723 | 0.400 | ng | # | 97 |
| 6) bis(2-Chloroethyl)ether | 6.99 | 93 | 3487 | 0.495 | ng | | 95 |
| 9) Naphthalene | 10.34 | 128 | 12537 | 0.427 | ng | | 99 |
| 10) Hexachlorobutadiene | 10.65 | 225 | 2830 | 0.390 | ng | # | 99 |
| 12) 2-Methylnaphthalene | 11.97 | 142 | 8426 | 0.429 | ng | | 99 |
| 16) Acenaphthylene | 13.88 | 152 | 11170 | 0.416 | ng | | 99 |
| 17) Acenaphthene | 14.24 | 154 | 7684 | 0.420 | ng | | 98 |
| 18) Fluorene | 15.23 | 166 | 9633 | 0.408 | ng | | 98 |
| 20) 4-Bromophenyl-phenylether | 16.12 | 248 | 3126 | 0.419 | ng | | 93 |
| 21) Hexachlorobenzene | 16.23 | 284 | 3376 | 0.434 | ng | | 99 |
| 22) Pentachlorophenol | 16.58 | 266 | 1096 | 0.420 | ng | | 95 |
| 23) Phenanthrene | 16.96 | 178 | 14528 | 0.428 | ng | | 99 |
| 24) Anthracene | 17.05 | 178 | 12050 | 0.426 | ng | | 100 |
| 26) Fluoranthene | 18.99 | 202 | 15592 | 0.405 | ng | | 99 |
| 28) Pyrene | 19.35 | 202 | 15407 | 0.428 | ng | | 100 |
| 30) Benzo(a)anthracene | 21.11 | 228 | 13666 | 0.427 | ng | | 99 |
| 31) Chrysene | 21.16 | 228 | 15212 | 0.408 | ng | | 98 |
| 32) Bis(2-ethylhexyl)phthalate | 21.07 | 149 | 4971 | 0.466 | ng | | 98 |
| 33) Indeno(1,2,3-cd)pyrene | 25.39 | 276 | 17748 | 0.426 | ng | # | 95 |
| 35) Benzo(b)fluoranthene | 22.64 | 252 | 15117 | 0.390 | ng | | 98 |
| 36) Benzo(k)fluoranthene | 22.68 | 252 | 16322 | 0.396 | ng | | 98 |
| 37) Benzo(a)pyrene | 23.19 | 252 | 13295 | 0.400 | ng | | 96 |
| 38) Dibenzo(a,h)anthracene | 25.40 | 278 | 14010 | 0.370 | ng | | 96 |
| 39) Benzo(g,h,i)perylene | 26.02 | 276 | 15140 | 0.383 | ng | | 98 |

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

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