Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091019\
Data File : BN007573.D
Acq On : 10 Sep 2019 13:05
Operator : HP/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** SSTDICC0.2

Quant Time: Sep 10 14:24:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 10 14:17:20 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.73 | 152 | 5935 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.49 | 136 | 24848 | 0.40 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.35 | 164 | 14477 | 0.40 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.09 | 188 | 36147 | 0.40 | ng | | 0.00 |
| 27) Chrysene-d12 | 21.29 | 240 | 36769 | 0.40 | ng | | 0.00 |
| 34) Perylene-d12 | 23.52 | 264 | 38458 | 0.40 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.34 | 112 | 4633 | 0.21 | ng | | 0.00 |
| 5) Phenol-d6 | 6.90 | 99 | 7720 | 0.27 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.86 | 82 | 2743 | 0.13 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.09 | 152 | 8291 | 0.20 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.84 | 330 | 1146 | 0.15 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 12.98 | 172 | 11768 | 0.20 | ng | | 0.00 |
| 25) Fluoranthene-d10 | 19.13 | 212 | 22392 | 0.19 | ng | | 0.00 |
| 29) Terphenyl-d14 | 19.74 | 244 | 19389 | 0.20 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.34 | 88 | 746 | 0.076 | ng | # | 90 |
| 3) n-Nitrosodimethylamine | 3.03 | 42 | 1781 | 0.389 | ng | # | 100 |
| 6) bis(2-Chloroethyl)ether | 7.19 | 93 | 1283 | 0.060 | ng | # | 83 |
| 9) Naphthalene | 10.54 | 128 | 13759 | 0.194 | ng | | 99 |
| 10) Hexachlorobutadiene | 10.85 | 225 | 2779 | 0.191 | ng | # | 99 |
| 12) 2-Methylnaphthalene | 12.17 | 142 | 9498 | 0.196 | ng | | 99 |
| 16) Acenaphthylene | 14.07 | 152 | 14767 | 0.172 | ng | | 100 |
| 17) Acenaphthene | 14.41 | 154 | 9464 | 0.189 | ng | | 100 |
| 18) Fluorene | 15.39 | 166 | 12416 | 0.196 | ng | | 99 |
| 20) 4-Bromophenyl-phenylether | 16.29 | 248 | 4082 | 0.286 | ng | | 100 |
| 21) Hexachlorobenzene | 16.40 | 284 | 4317 | 0.178 | ng | | 99 |
| 22) Pentachlorophenol | 16.74 | 266 | 941 | 0.125 | ng | | 97 |
| 23) Phenanthrene | 17.13 | 178 | 21449 | 0.197 | ng | | 100 |
| 24) Anthracene | 17.22 | 178 | 19498 | 0.178 | ng | | 100 |
| 26) Fluoranthene | 19.16 | 202 | 25823 | 0.185 | ng | | 100 |
| 28) Pyrene | 19.52 | 202 | 26294 | 0.178 | ng | | 100 |
| 30) Benzo(a)anthracene | 21.27 | 228 | 25654 | 0.178 | ng | | 100 |
| 31) Chrysene | 21.32 | 228 | 25855 | 0.185 | ng | | 99 |
| 32) Bis(2-ethylhexyl)phthalate | 21.24 | 149 | 7907 | 0.073 | ng | | 98 |
| 33) Indeno(1,2,3-cd)pyrene | 25.75 | 276 | 27356 | 0.163 | ng | # | 100 |
| 35) Benzo(b)fluoranthene | 22.85 | 252 | 25242 | 0.181 | ng | | 98 |
| 36) Benzo(k)fluoranthene | 22.90 | 252 | 25253 | 0.183 | ng | | 98 |
| 37) Benzo(a)pyrene | 23.42 | 252 | 22286 | 0.168 | ng | | 97 |
| 38) Dibenzo(a,h)anthracene | 25.77 | 278 | 22503 | 0.170 | ng | | 99 |
| 39) Benzo(g,h,i)perylene | 26.42 | 276 | 23097 | 0.175 | ng | | 98 |

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

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