Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091422\
Data File : BN021733.D
Acq On : 13 Sep 2022 19:59
Operator : CG/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 14 01:33:40 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 14 01:24:46 2022
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
SSTDICC1.6

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo 09/15/2022
Supervised By :Jagrut Upadhyay 09/15/2022

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.061 | 152 | 4495 | 0.400 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.887 | 136 | 14446 | 0.400 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.707 | 164 | 9239 | 0.400 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.456 | 188 | 19774 | 0.400 | ng | | 0.00 |
| 29) Chrysene-d12 | 21.652 | 240 | 16007 | 0.400 | ng | | 0.00 |
| 35) Perylene-d12 | 24.161 | 264 | 12607 | 0.400 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.584 | 112 | 17951 | 2.040 | ng | | 0.00 |
| 5) Phenol-d6 | 7.209 | 99 | 23135 | 2.064 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 9.232 | 82 | 18432 | 1.889 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.474 | 152 | 59114 | 1.816 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 16.197 | 330 | 6541 | 2.156 | ng | | -0.01 |
| 15) 2-Fluorobiphenyl | 13.339 | 172 | 59041 | 1.462 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 19.489 | 212 | 84160 | 1.655 | ng | | 0.00 |
| 31) Terphenyl-d14 | 20.084 | 244 | 57620 | 1.602 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.396 | 88 | 9277 | 1.650 | ng | | 95 |
| 3) n-Nitrosodimethylamine | 3.728 | 42 | 9484 | 1.872 | ng | # | 93 |
| 6) bis(2-Chloroethyl)ether | 7.469 | 93 | 23385 | 1.657 | ng | | 100 |
| 9) Naphthalene | 10.941 | 128 | 66686 | 1.558 | ng | | 99 |
| 10) Hexachlorobutadiene | 11.218 | 225 | 10980 | 1.483 | ng | # | 98 |
| 12) 2-Methylnaphthalene | 12.172 | 142 | 14763 | 2.723 | ng | # | 93 |
| 16) Acenaphthylene | 14.429 | 152 | 71254 | 1.642 | ng | | 100 |
| 17) Acenaphthene | 14.771 | 154 | 47391m | 1.553 | ng | | |
| 18) Fluorene | 15.758 | 166 | 63492 | 1.686 | ng | | 99 |
| 21) 4-Bromophenyl-phenylether | 16.647 | 248 | 19031 | 1.538 | ng | | 96 |
| 22) Hexachlorobenzene | 16.763 | 284 | 21500 | 1.421 | ng | | 100 |
| 23) Atrazine | 16.913 | 200 | 15918 | 2.205 | ng | | 97 |
| 24) Pentachlorophenol | 17.109 | 266 | 8341 | 2.588 | ng | | 99 |
| 25) Phenanthrene | 17.502 | 178 | 104618 | 1.533 | ng | | 100 |
| 26) Anthracene | 17.594 | 178 | 90201 | 1.664 | ng | | 100 |
| 28) Fluoranthene | 19.519 | 202 | 114958 | 1.621 | ng | | 100 |
| 30) Pyrene | 19.886 | 202 | 127191 | 1.491 | ng | | 98 |
| 32) Benzo(a)anthracene | 21.634 | 228 | 95968 | 1.722 | ng | | 99 |
| 33) Chrysene | 21.687 | 228 | 99276 | 1.495 | ng | | 99 |
| 34) Bis(2-ethylhexyl)phtha... | 21.544 | 149 | 58992 | 2.627 | ng | | 100 |
| 36) Indeno(1,2,3-cd)pyrene | 26.804 | 276 | 95410 | 1.676 | ng | | 99 |
| 37) Benzo(b)fluoranthene | 23.386 | 252 | 90503 | 1.456 | ng | | 96 |
| 38) Benzo(k)fluoranthene | 23.436 | 252 | 88684 | 1.418 | ng | | 96 |
| 39) Benzo(a)pyrene | 24.050 | 252 | 72392 | 1.669 | ng | # | 91 |
| 40) Dibenzo(a,h)anthracene | 26.828 | 278 | 76026 | 1.659 | ng | | 97 |
| 41) Benzo(g,h,i)perylene | 27.620 | 276 | 76893 | 1.530 | ng | | 99 |

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

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