Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082924\
Data File : BN033677.D
Acq On : 29 Aug 2024 19:45
Operator : MA/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 29 23:25:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 29 23:20:50 2024
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
SSTDICC5.0

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 08/30/2024
Supervised By :mohammad ahmed 09/02/2024

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.530 | 152 | 5921 | 0.400 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.293 | 136 | 14709 | 0.400 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.167 | 164 | 7002 | 0.400 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 16.917 | 188 | 13601 | 0.400 | ng | | 0.00 |
| 29) Chrysene-d12 | 21.121 | 240 | 11201 | 0.400 | ng | | 0.00 |
| 35) Perylene-d12 | 23.282 | 264 | 11292 | 0.400 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.169 | 112 | 84608 | 4.496 | ng | | 0.00 |
| 5) Phenol-d6 | 6.722 | 99 | 103969 | 4.644 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.659 | 82 | 62085 | 5.090 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 11.884 | 152 | 104495 | 4.966 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.663 | 330 | 18641 | 4.952 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 12.777 | 172 | 145128 | 5.074 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 18.956 | 212 | 172261 | 5.269 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.569 | 244 | 117029 | 4.597 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.175 | 88 | 31490 | 4.622 | ng | | 99 |
| 3) n-Nitrosodimethylamine | 3.457 | 42 | 38688 | 4.883 | ng | | 98 |
| 6) bis(2-Chloroethyl)ether | 6.967 | 93 | 76446 | 4.816 | ng | | 100 |
| 9) Naphthalene | 10.336 | 128 | 194289 | 4.943 | ng | | 98 |
| 10) Hexachlorobutadiene | 10.635 | 225 | 39436 | 5.030 | ng | # | 99 |
| 12) 2-Methylnaphthalene | 11.960 | 142 | 121558 | 4.886 | ng | | 98 |
| 16) Acenaphthylene | 13.879 | 152 | 161908 | 5.272 | ng | | 100 |
| 17) Acenaphthene | 14.231 | 154 | 106054 | 4.910 | ng | | 98 |
| 18) Fluorene | 15.226 | 166 | 132733 | 4.875 | ng | | 100 |
| 20) 4,6-Dinitro-2-methylph... | 15.300 | 198 | 12809 | 6.031 | ng | # | 60 |
| 21) 4-Bromophenyl-phenylether | 16.122 | 248 | 40395 | 4.890 | ng | | 94 |
| 22) Hexachlorobenzene | 16.222 | 284 | 44785 | 4.911 | ng | | 99 |
| 23) Atrazine | 16.396 | 200 | 33204 | 5.035 | ng | | 99 |
| 24) Pentachlorophenol | 16.569 | 266 | 21479 | 5.435 | ng | | 98 |
| 25) Phenanthrene | 16.954 | 178 | 190525 | 5.035 | ng | | 100 |
| 26) Anthracene | 17.041 | 178 | 175045 | 5.228 | ng | | 100 |
| 28) Fluoranthene | 18.989 | 202 | 220041 | 5.262 | ng | | 100 |
| 30) Pyrene | 19.351 | 202 | 224678 | 4.494 | ng | | 99 |
| 32) Benzo(a)anthracene | 21.103 | 228 | 201028 | 4.964 | ng | | 99 |
| 33) Chrysene | 21.157 | 228 | 198885 | 4.941 | ng | | 99 |
| 34) Bis(2-ethylhexyl)phtha... | 21.068 | 149 | 110164m | 4.297 | ng | | |
| 36) Indeno(1,2,3-cd)pyrene | 25.422 | 276 | 242688 | 5.177 | ng | | 100 |
| 37) Benzo(b)fluoranthene | 22.642 | 252 | 206618 | 4.900 | ng | # | 88 |
| 38) Benzo(k)fluoranthene | 22.683 | 252 | 208139 | 5.015 | ng | # | 87 |
| 39) Benzo(a)pyrene | 23.189 | 252 | 179174 | 5.135 | ng | # | 83 |
| 40) Dibenzo(a,h)anthracene | 25.440 | 278 | 194015 | 5.176 | ng | | 94 |
| 41) Benzo(g,h,i)perylene | 26.071 | 276 | 207672 | 5.181 | ng | | 97 |

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

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