Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121324\
Data File : BN035599.D
Acq On : 13 Dec 2024 16:32
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 13 17:17:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 10 16:10:57 2024
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
SSTD0.4366

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.297 | 152 | 1651 | 0.400 | ng/ul | # 0.00 |
| 4) Naphthalene-d8 | 10.042 | 136 | 5135 | 0.400 | ng/ul | # 0.00 |
| 9) Acenaphthene-d10 | 13.958 | 164 | 3570 | 0.400 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 16.726 | 188 | 7962 | 0.400 | ng/ul | # 0.00 |
| 17) Chrysene-d12 | 20.970 | 240 | 6910 | 0.400 | ng/ul | # 0.00 |
| 23) Perylene-d12 | 23.062 | 264 | 7819 | 0.400 | ng/ul | # 0.01 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 2.963 | 96 | 594m | 0.394 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 11.648 | 152 | 3046 | 0.405 | ng/ul | 0.00 |
| 18) Fluoranthene-d10 | 18.777 | 212 | 8396 | 0.440 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.993 | 88 | 685 | 0.418 | ng/ul# | 9 |
| 5) Naphthalene | 10.091 | 128 | 4932m | 0.381 | ng/ul | |
| 7) 2-Methylnaphthalene | 11.719 | 142 | 3524 | 0.393 | ng/ul | 97 |
| 8) 1-Methylnaphthalene | 11.950 | 142 | 3635 | 0.401 | ng/ul | 98 |
| 10) Acenaphthylene | 13.671 | 152 | 5841 | 0.412 | ng/ul | 98 |
| 11) Acenaphthene | 14.018 | 153 | 4368 | 0.403 | ng/ul | 96 |
| 12) Fluorene | 15.022 | 166 | 5044 | 0.397 | ng/ul | 99 |
| 14) Pentachlorophenol | 16.392 | 266 | 1028 | 0.554 | ng/ul | 96 |
| 15) Phenanthrene | 16.768 | 178 | 8246 | 0.392 | ng/ul | 97 |
| 16) Anthracene | 16.857 | 178 | 8135 | 0.416 | ng/ul | 97 |
| 19) Fluoranthene | 18.809 | 202 | 10083 | 0.419 | ng/ul# | 96 |
| 20) Pyrene | 19.176 | 202 | 11722 | 0.468 | ng/ul# | 93 |
| 21) Benzo(a)anthracene | 20.955 | 228 | 9692 | 0.404 | ng/ul# | 85 |
| 22) Chrysene | 21.005 | 228 | 9594 | 0.398 | ng/ul# | 85 |
| 24) Benzo(b)fluoranthene | 22.448 | 252 | 9762 | 0.378 | ng/ul# | 44 |
| 25) Benzo(k)fluoranthene | 22.489 | 252 | 10507 | 0.394 | ng/ul# | 37 |
| 26) Benzo(a)pyrene | 22.972 | 252 | 9356 | 0.396 | ng/ul# | 30 |
| 27) Indeno(1,2,3-cd)pyrene | 25.104 | 276 | 11109m | 0.348 | ng/ul | |
| 28) Dibenzo(a,h)anthracene | 25.121 | 278 | 9021m | 0.361 | ng/ul | |
| 29) Benzo(g,h,i)perylene | 25.718 | 276 | 8899 | 0.354 | ng/ul# | 43 |

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

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