Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032846.D
Acq On : 19 Jul 2024 18:13
Operator : MA/JU
Sample : P3178-18MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 19 23:19:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
A4BT2MS

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.536 | 152 | 3462 | 0.400 | ng/ul | -0.02 |
| 4) Naphthalene-d8 | 10.305 | 136 | 11210 | 0.400 | ng/ul | -0.02 |
| 9) Acenaphthene-d10 | 14.184 | 164 | 5935 | 0.400 | ng/ul | -0.01 |
| 13) Phenanthrene-d10 | 16.948 | 188 | 10602 | 0.400 | ng/ul | -0.02 |
| 17) Chrysene-d12 | 21.162 | 240 | 9445 | 0.400 | ng/ul | #-0.01 |
| 23) Perylene-d12 | 23.357 | 264 | 11836 | 0.400 | ng/ul | -0.01 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.093 | 96 | 1743 | 0.419 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 11.905 | 152 | 4325 | 0.255 | ng/ul | -0.03 |
| 18) Fluoranthene-d10 | 18.985 | 212 | 7783 | 0.253 | ng/ul | -0.02 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.122 | 88 | 4747 | 1.003 | ng/ul | 89 |
| 5) Naphthalene | 10.354 | 128 | 16801 | 0.558 | ng/ul | 99 |
| 7) 2-Methylnaphthalene | 11.982 | 142 | 7154 | 0.381 | ng/ul | 98 |
| 8) 1-Methylnaphthalene | 12.202 | 142 | 6357 | 0.327 | ng/ul | 99 |
| 10) Acenaphthylene | 13.906 | 152 | 7470 | 0.312 | ng/ul | 98 |
| 11) Acenaphthene | 14.248 | 153 | 10746 | 0.542 | ng/ul | 99 |
| 12) Fluorene | 15.248 | 166 | 11845 | 0.523 | ng/ul | 99 |
| 14) Pentachlorophenol | 16.632 | 266 | 976 | 0.525 | ng/ul | 97 |
| 15) Phenanthrene | 16.991 | 178 | 95787 | 3.317 | ng/ul | 99 |
| 16) Anthracene | 17.084 | 178 | 20182 | 0.856 | ng/ul | 98 |
| 19) Fluoranthene | 19.017 | 202 | 102245 | 2.663 | ng/ul | 99 |
| 20) Pyrene | 19.385 | 202 | 84059 | 2.115 | ng/ul | 98 |
| 21) Benzo(a)anthracene | 21.147 | 228 | 43061 | 1.432 | ng/ul | 98 |
| 22) Chrysene | 21.200 | 228 | 41506 | 0.954 | ng/ul | 97 |
| 24) Benzo(b)fluoranthene | 22.702 | 252 | 46312m | 1.109 | ng/ul | |
| 25) Benzo(k)fluoranthene | 22.740 | 252 | 26009m | 0.511 | ng/ul | |
| 26) Benzo(a)pyrene | 23.263 | 252 | 36630 | 1.014 | ng/ul# | 91 |
| 27) Indeno(1,2,3-cd)pyrene | 25.569 | 276 | 29921 | 0.611 | ng/ul# | 96 |
| 28) Dibenzo(a,h)anthracene | 25.566 | 278 | 13356 | 0.352 | ng/ul# | 83 |
| 29) Benzo(g,h,i)perylene | 26.246 | 276 | 25809 | 0.631 | ng/ul | 95 |

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

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