Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
Data File : BN035552.D
Acq On : 11 Dec 2024 04:06
Operator : RC/JU
Sample : P5066-21MS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Dec 11 04:28:43 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 :**
E28N8MS

**Manual Integrations APPROVED**

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

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.293 | 152 | 3490 | 0.400 | ng/ul | | 0.00 |
| 4) Naphthalene-d8 | 10.037 | 136 | 9749 | 0.400 | ng/ul | # | 0.00 |
| 9) Acenaphthene-d10 | 13.949 | 164 | 6337 | 0.400 | ng/ul | | 0.00 |
| 13) Phenanthrene-d10 | 16.717 | 188 | 11114 | 0.400 | ng/ul | # | 0.00 |
| 17) Chrysene-d12 | 20.961 | 240 | 7282 | 0.400 | ng/ul | # | 0.00 |
| 23) Perylene-d12 | 23.057 | 264 | 7625 | 0.400 | ng/ul | # | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 3) 1,4-Dioxane-d8 | 2.963 | 96 | 1452 | 0.455 | ng/ul | | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 11.637 | 152 | 4625 | 0.324 | ng/ul | | 0.00 |
| 18) Fluoranthene-d10 | 18.768 | 212 | 9129m | 0.454 | ng/ul | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.993 | 88 | 4218 | 1.218 | ng/ul | | 91 |
| 5) Naphthalene | 10.086 | 128 | 8256 | 0.336 | ng/ul | | 99 |
| 7) 2-Methylnaphthalene | 11.714 | 142 | 7063 | 0.415 | ng/ul | | 97 |
| 8) 1-Methylnaphthalene | 11.939 | 142 | 6814 | 0.396 | ng/ul | | 96 |
| 10) Acenaphthylene | 13.662 | 152 | 8194 | 0.326 | ng/ul | | 93 |
| 11) Acenaphthene | 14.014 | 153 | 6474 | 0.337 | ng/ul | | 97 |
| 12) Fluorene | 15.013 | 166 | 8818 | 0.391 | ng/ul# | | 90 |
| 14) Pentachlorophenol | 16.384 | 266 | 60 | 0.023 | ng/ul# | | 1 |
| 15) Phenanthrene | 16.755 | 178 | 29420 | 1.001 | ng/ul# | | 86 |
| 16) Anthracene | 16.848 | 178 | 9753 | 0.358 | ng/ul# | | 71 |
| 19) Fluoranthene | 18.800 | 202 | 16669 | 0.657 | ng/ul# | | 90 |
| 20) Pyrene | 19.167 | 202 | 17110 | 0.648 | ng/ul# | | 90 |
| 21) Benzo(a)anthracene | 20.947 | 228 | 10071 | 0.399 | ng/ul# | | 54 |
| 22) Chrysene | 20.999 | 228 | 15839 | 0.623 | ng/ul# | | 62 |
| 24) Benzo(b)fluoranthene | 22.443 | 252 | 11063 | 0.439 | ng/ul# | | 1 |
| 25) Benzo(k)fluoranthene | 22.484 | 252 | 9991 | 0.384 | ng/ul# | | 1 |
| 26) Benzo(a)pyrene | 22.966 | 252 | 9316 | 0.404 | ng/ul# | | 1 |
| 27) Indeno(1,2,3-cd)pyrene | 25.084 | 276 | 11474m | 0.369 | ng/ul | | |
| 28) Dibenzo(a,h)anthracene | 25.104 | 278 | 8218m | 0.337 | ng/ul | | |
| 29) Benzo(g,h,i)perylene | 25.698 | 276 | 9926 | 0.405 | ng/ul# | | 67 |

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

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