Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046109.D
Acq On : 20 Jun 2024 05:45
Operator : MA/JU
Sample : P2696-09MS
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Jun 20 06:14:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 18 13:58:29 2024
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
A4BN7MS

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024

06/20/2024
Supervised By :mohammad ahmed

06/21/2024

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.443 | 152 | 2578 | 0.400 | ng/ul | -0.02 |
| 4) Naphthalene-d8 | 10.226 | 136 | 7429 | 0.400 | ng/ul | -0.03 |
| 9) Acenaphthene-d10 | 14.085 | 164 | 4242 | 0.400 | ng/ul | -0.03 |
| 13) Phenanthrene-d10 | 16.823 | 188 | 8809 | 0.400 | ng/ul | -0.04 |
| 17) Chrysene-d12 | 21.012 | 240 | 7317 | 0.400 | ng/ul | #-0.03 |
| 23) Perylene-d12 | 23.107 | 264 | 10745 | 0.400 | ng/ul | #-0.03 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.042 | 96 | 1382 | 0.391 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 11.826 | 152 | 2337 | 0.234 | ng/ul | -0.04 |
| 18) Fluoranthene-d10 | 18.848 | 212 | 5794 | 0.264 | ng/ul | -0.04 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.071 | 88 | 3576 | 0.901 | ng/ul# | 87 |
| 5) Naphthalene | 10.275 | 128 | 8298 | 0.401 | ng/ul | 98 |
| 7) 2-Methylnaphthalene | 11.903 | 142 | 3988 | 0.342 | ng/ul | 98 |
| 8) 1-Methylnaphthalene | 12.118 | 142 | 3945 | 0.308 | ng/ul | 98 |
| 10) Acenaphthylene | 13.807 | 152 | 12469 | 0.620 | ng/ul | 99 |
| 11) Acenaphthene | 14.145 | 153 | 6950 | 0.478 | ng/ul | 99 |
| 12) Fluorene | 15.144 | 166 | 7699 | 0.494 | ng/ul | 100 |
| 14) Pentachlorophenol | 16.507 | 266 | 1150 | 0.436 | ng/ul | 97 |
| 15) Phenanthrene | 16.861 | 178 | 105376 | 4.258 | ng/ul | 96 |
| 16) Anthracene | 16.959 | 178 | 22084 | 1.198 | ng/ul | 97 |
| 19) Fluoranthene | 18.875 | 202 | 306416 | 9.672 | ng/ul | 99 |
| 20) Pyrene | 19.243 | 202 | 218849 | 6.388 | ng/ul | 96 |
| 21) Benzo(a)anthracene | 20.994 | 228 | 128673 | 4.553 | ng/ul | 100 |
| 22) Chrysene | 21.047 | 228 | 158303 | 4.389 | ng/ul | 99 |
| 24) Benzo(b)fluoranthene | 22.490 | 252 | 240588m | 6.215 | ng/ul | |
| 25) Benzo(k)fluoranthene | 22.525 | 252 | 99335m | 2.158 | ng/ul | |
| 26) Benzo(a)pyrene | 23.017 | 252 | 85858 | 2.393 | ng/ul# | 75 |
| 27) Indeno(1,2,3-cd)pyrene | 25.149 | 276 | 101491 | 1.729 | ng/ul# | 93 |
| 28) Dibenzo(a,h)anthracene | 25.152 | 278 | 36439 | 0.834 | ng/ul | 94 |
| 29) Benzo(g,h,i)perylene | 25.776 | 276 | 15594 | 0.310 | ng/ul | 96 |

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

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