Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
Data File : BM045506.D
Acq On : 23 Apr 2024 10:11
Operator : MA/JU
Sample : P2104-04
Misc :
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Apr 24 04:49:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 04:47:50 2024
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
C0AA6

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/26/2024

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.555 | 152 | 1250 | 0.400 | ng/ul | -0.02 |
| 4) Naphthalene-d8 | 10.314 | 136 | 3903 | 0.400 | ng/ul | #-0.03 |
| 9) Acenaphthene-d10 | 14.200 | 164 | 2199 | 0.400 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 16.963 | 188 | 4480m | 0.400 | ng/ul | -0.03 |
| 17) Chrysene-d12 | 21.199 | 240 | 2999 | 0.400 | ng/ul | 0.00 |
| 23) Perylene-d12 | 23.388 | 264 | 3129m | 0.400 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.163 | 96 | 5659 | 3.378 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 11.942 | 152 | 1260 | 0.245 | ng/ul | -0.01 |
| 18) Fluoranthene-d10 | 19.010 | 212 | 2546 | 0.270 | ng/ul | -0.01 |
| Target Compounds | | | | | | Qvalue |
| 15) Phenanthrene | 17.005 | 178 | 815m | 0.062 | ng/ul | |
| 19) Fluoranthene | 19.038 | 202 | 1362 | 0.098 | ng/ul | 95 |
| 20) Pyrene | 19.401 | 202 | 1526 | 0.107 | ng/ul# | 87 |
| 21) Benzo(a)anthracene | 21.190 | 228 | 695 | 0.073 | ng/ul# | 75 |
| 22) Chrysene | 21.237 | 228 | 624 | 0.042 | ng/ul# | 74 |
| 24) Benzo(b)fluoranthene | 22.727 | 252 | 798m | 0.076 | ng/ul | |
| 27) Indeno(1,2,3-cd)pyrene | 25.608 | 276 | 409 | 0.026 | ng/ul# | 87 |
| 29) Benzo(g,h,i)perylene | 26.276 | 276 | 496 | 0.035 | ng/ul# | 11 |

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

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