Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044094.D
Acq On : 15 Feb 2024 10:28
Operator : MA/JU
Sample : SSTD0.204
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 15 12:09:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 15 12:08:54 2024
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD0.2009

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.905 | 152 | 5808 | 0.400 | ng/ul | 0.00 |
| 4) Naphthalene-d8 | 10.704 | 136 | 17149 | 0.400 | ng/ul | 0.00 |
| 9) Acenaphthene-d10 | 14.547 | 164 | 8722 | 0.400 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 17.301 | 188 | 20523 | 0.400 | ng/ul | 0.00 |
| 17) Chrysene-d12 | 21.497 | 240 | 17917 | 0.400 | ng/ul | 0.00 |
| 23) Perylene-d12 | 23.885 | 264 | 22186 | 0.400 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.356 | 96 | 1667 | 0.210 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.299 | 152 | 4642 | 0.198 | ng/ul | 0.00 |
| 18) Fluoranthene-d10 | 19.331 | 212 | 10735 | 0.187 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.390 | 88 | 1705 | 0.209 | ng/ul# | 84 |
| 5) Naphthalene | 10.754 | 128 | 10060 | 0.198 | ng/ul | 99 |
| 7) 2-Methylnaphthalene | 12.371 | 142 | 6105 | 0.199 | ng/ul | 98 |
| 8) 1-Methylnaphthalene | 12.591 | 142 | 6244 | 0.205 | ng/ul | 100 |
| 10) Acenaphthylene | 14.265 | 152 | 9518 | 0.195 | ng/ul | 98 |
| 11) Acenaphthene | 14.607 | 153 | 6934 | 0.203 | ng/ul | 98 |
| 12) Fluorene | 15.602 | 166 | 7649 | 0.202 | ng/ul | 98 |
| 14) Pentachlorophenol | 16.946 | 266 | 1713 | 0.309 | ng/ul | 98 |
| 15) Phenanthrene | 17.343 | 178 | 12773 | 0.197 | ng/ul | 100 |
| 16) Anthracene | 17.436 | 178 | 12804 | 0.206 | ng/ul | 99 |
| 19) Fluoranthene | 19.364 | 202 | 16244 | 0.192 | ng/ul | 100 |
| 20) Pyrene | 19.721 | 202 | 17276 | 0.197 | ng/ul | 97 |
| 21) Benzo(a)anthracene | 21.482 | 228 | 16107 | 0.205 | ng/ul | 99 |
| 22) Chrysene | 21.532 | 228 | 17911 | 0.215 | ng/ul | 99 |
| 24) Benzo(b)fluoranthene | 23.160 | 252 | 17926 | 0.201 | ng/ul | 92 |
| 25) Benzo(k)fluoranthene | 23.210 | 252 | 20276m | 0.217 | ng/ul | |
| 26) Benzo(a)pyrene | 23.783 | 252 | 16626 | 0.204 | ng/ul# | 90 |
| 27) Indeno(1,2,3-cd)pyrene | 26.373 | 276 | 20629 | 0.197 | ng/ul | 97 |
| 28) Dibenzo(a,h)anthracene | 26.410 | 278 | 16210 | 0.195 | ng/ul# | 89 |
| 29) Benzo(g,h,i)perylene | 27.124 | 276 | 18450 | 0.204 | ng/ul | 98 |

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

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