Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072524\
Data File : BM046810.D
Acq On : 25 Jul 2024 21:27
Operator : MA/JU
Sample : P3263-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jul 26 00:30:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 24 15:10:37 2024
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
A4BD6

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.472 | 152 | 4952 | 0.400 | ng/ul | | 0.00 |
| 4) Naphthalene-d8 | 10.227 | 136 | 14234 | 0.400 | ng/ul | | 0.00 |
| 9) Acenaphthene-d10 | 14.118 | 164 | 8644 | 0.400 | ng/ul | | 0.00 |
| 13) Phenanthrene-d10 | 16.871 | 188 | 18063m | 0.400 | ng/ul | | 0.00 |
| 17) Chrysene-d12 | 21.082 | 240 | 7176 | 0.400 | ng/ul | # | 0.00 |
| 23) Perylene-d12 | 23.212 | 264 | 8291 | 0.400 | ng/ul | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.101 | 96 | 13684 | 3.947 | ng/ul | | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 11.827 | 152 | 6572 | 0.290 | ng/ul | | 0.00 |
| 18) Fluoranthene-d10 | 18.914 | 212 | 11289 | 0.483 | ng/ul | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 5) Naphthalene | 10.277 | 128 | 29053 | 0.807 | ng/ul | | 98 |
| 7) 2-Methylnaphthalene | 11.904 | 142 | 12450 | 0.502 | ng/ul | | 99 |
| 8) 1-Methylnaphthalene | 12.124 | 142 | 9865 | 0.385 | ng/ul | | 100 |
| 10) Acenaphthylene | 13.836 | 152 | 20091 | 0.507 | ng/ul | | 98 |
| 11) Acenaphthene | 14.178 | 153 | 32662 | 1.215 | ng/ul | | 99 |
| 12) Fluorene | 15.178 | 166 | 42047 | 1.252 | ng/ul | | 98 |
| 14) Pentachlorophenol | 16.529 | 266 | 167 | 0.020 | ng/ul | # | 81 |
| 15) Phenanthrene | 16.918 | 178 | 876707 | 16.887 | ng/ul | | 97 |
| 16) Anthracene | 17.006 | 178 | 102554 | 2.122 | ng/ul | | 99 |
| 19) Fluoranthene | 18.946 | 202 | 1016961 | 32.268 | ng/ul | | 99 |
| 20) Pyrene | 19.309 | 202 | 592092 | 18.162 | ng/ul | | 99 |
| 21) Benzo(a)anthracene | 21.067 | 228 | 281644 | 9.419 | ng/ul | | 99 |
| 22) Chrysene | 21.117 | 228 | 297884 | 9.806 | ng/ul | | 99 |
| 24) Benzo(b)fluoranthene | 22.583 | 252 | 383060m | 10.524 | ng/ul | | |
| 25) Benzo(k)fluoranthene | 22.621 | 252 | 136017m | 3.708 | ng/ul | | |
| 26) Benzo(a)pyrene | 23.118 | 252 | 129997 | 4.975 | ng/ul | # | 88 |
| 27) Indeno(1,2,3-cd)pyrene | 25.316 | 276 | 135301 | 3.364 | ng/ul | # | 98 |
| 28) Dibenzo(a,h)anthracene | 25.323 | 278 | 45867 | 1.558 | ng/ul | | 98 |
| 29) Benzo(g,h,i)perylene | 25.953 | 276 | 20741 | 0.586 | ng/ul | # | 89 |

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

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