Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
Data File : BM046627.D
Acq On : 16 Jul 2024 10:46
Operator : MA/JU
Sample : P3101-03MS
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Jul 16 12:02:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 08:57:27 2024
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
A4CD6MS

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 07/16/2024
Supervised By :mohammad ahmed 07/18/2024

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.501 | 152 | 3758 | 0.400 | ng/ul | 0.00 |
| 4) Naphthalene-d8 | 10.259 | 136 | 10038 | 0.400 | ng/ul | # 0.00 |
| 9) Acenaphthene-d10 | 14.144 | 164 | 6810 | 0.400 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 16.899 | 188 | 14610 | 0.400 | ng/ul | 0.00 |
| 17) Chrysene-d12 | 21.108 | 240 | 8621 | 0.400 | ng/ul | # 0.00 |
| 23) Perylene-d12 | 23.247 | 264 | 11833 | 0.400 | ng/ul | # 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.122 | 96 | 1021 | 0.331 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 11.859 | 152 | 4657 | 0.288 | ng/ul | 0.00 |
| 18) Fluoranthene-d10 | 18.940 | 212 | 10779 | 0.411 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.151 | 88 | 2753 | 0.835 | ng/ul# | 79 |
| 5) Naphthalene | 10.308 | 128 | 18985 | 0.743 | ng/ul | 97 |
| 7) 2-Methylnaphthalene | 11.936 | 142 | 10832 | 0.604 | ng/ul | 100 |
| 8) 1-Methylnaphthalene | 12.156 | 142 | 9507 | 0.519 | ng/ul | 99 |
| 10) Acenaphthylene | 13.862 | 152 | 50720 | 1.636 | ng/ul | 97 |
| 11) Acenaphthene | 14.209 | 153 | 27665 | 1.332 | ng/ul | 95 |
| 12) Fluorene | 15.204 | 166 | 38379 | 1.493 | ng/ul | 98 |
| 14) Pentachlorophenol | 16.557 | 266 | 4153 | 0.561 | ng/ul | 99 |
| 15) Phenanthrene | 16.941 | 178 | 670674 | 16.086 | ng/ul | 98 |
| 16) Anthracene | 17.030 | 178 | 176988 | 4.350 | ng/ul | 97 |
| 19) Fluoranthene | 18.968 | 202 | 1368385 | 38.643 | ng/ul | 99 |
| 20) Pyrene | 19.331 | 202 | 917594 | 23.934 | ng/ul | 99 |
| 21) Benzo(a)anthracene | 21.094 | 228 | 555902 | 14.576 | ng/ul | 98 |
| 22) Chrysene | 21.143 | 228 | 557433 | 15.106 | ng/ul | 98 |
| 24) Benzo(b)fluoranthene | 22.619 | 252 | 776533m | 16.430 | ng/ul | |
| 25) Benzo(k)fluoranthene | 22.657 | 252 | 293284m | 6.320 | ng/ul | |
| 26) Benzo(a)pyrene | 23.157 | 252 | 293584m | 7.547 | ng/ul | |
| 27) Indeno(1,2,3-cd)pyrene | 25.373 | 276 | 290257 | 4.903 | ng/ul# | 100 |
| 28) Dibenzo(a,h)anthracene | 25.383 | 278 | 103374 | 2.206 | ng/ul | 98 |
| 29) Benzo(g,h,i)perylene | 26.021 | 276 | 43309 | 0.917 | ng/ul# | 94 |

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

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**Instrument :**
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**ClientSampleId :**
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