Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042522\
Data File : BM034813.D
Acq On : 25 Apr 2022 23:37
Operator : CG/JU
Sample : N2373-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
BFFE7

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 04/26/2022
Supervised By :Yogesh Patel 04/29/2022

Quant Time: Apr 26 03:07:44 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 22 16:54:34 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.943 | 152 | 6196 | 0.400 | ng/ul | | 0.00 |
| 4) Naphthalene-d8 | 10.743 | 136 | 15911 | 0.400 | ng/ul | # | 0.00 |
| 9) Acenaphthene-d10 | 14.571 | 164 | 8330 | 0.400 | ng/ul | | 0.00 |
| 13) Phenanthrene-d10 | 17.309 | 188 | 15248 | 0.400 | ng/ul | | 0.00 |
| 17) Chrysene-d12 | 21.486 | 240 | 12051 | 0.400 | ng/ul | # | 0.00 |
| 23) Perylene-d12 | 23.879 | 264 | 12444 | 0.400 | ng/ul | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.382 | 96 | 25668 | 3.746 | ng/ul | | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.327 | 152 | 5488 | 0.245 | ng/ul | | 0.00 |
| 18) Fluoranthene-d10 | 19.331 | 212 | 9778 | 0.257 | ng/ul | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 5) Naphthalene | 10.793 | 128 | 9116 | 0.200 | ng/ul | # | 89 |
| 7) 2-Methylnaphthalene | 12.404 | 142 | 5422 | 0.179 | ng/ul | | 99 |
| 8) 1-Methylnaphthalene | 12.619 | 142 | 5563 | 0.187 | ng/ul | | 99 |
| 10) Acenaphthylene | 14.289 | 152 | 26059 | 0.716 | ng/ul | # | 91 |
| 11) Acenaphthene | 14.631 | 153 | 3567 | 0.116 | ng/ul | | 97 |
| 12) Fluorene | 15.616 | 166 | 8438 | 0.243 | ng/ul | | 99 |
| 15) Phenanthrene | 17.352 | 178 | 187422 | 3.718 | ng/ul | | 93 |
| 16) Anthracene | 17.444 | 178 | 24641 | 0.549 | ng/ul | # | 92 |
| 19) Fluoranthene | 19.364 | 202 | 290458 | 5.021 | ng/ul | | 97 |
| 20) Pyrene | 19.726 | 202 | 328909 | 5.661 | ng/ul | | 100 |
| 21) Benzo(a)anthracene | 21.468 | 228 | 115692 | 2.468 | ng/ul | | 98 |
| 22) Chrysene | 21.521 | 228 | 168635 | 3.374 | ng/ul | | 99 |
| 24) Benzo(b)fluoranthene | 23.151 | 252 | 198371 | 3.491 | ng/ul | | 88 |
| 25) Benzo(k)fluoranthene | 23.192 | 252 | 66387m | 1.169 | ng/ul | | |
| 26) Benzo(a)pyrene | 23.771 | 252 | 135128 | 2.914 | ng/ul | # | 78 |
| 27) Indeno(1,2,3-cd)pyrene | 26.353 | 276 | 104035 | 1.598 | ng/ul | # | 90 |
| 28) Dibenzo(a,h)anthracene | 26.367 | 278 | 25722 | 0.486 | ng/ul | | 93 |
| 29) Benzo(g,h,i)perylene | 27.115 | 276 | 96041 | 1.709 | ng/ul | | 93 |

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

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