Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101322\
Data File : BM037036.D
Acq On : 14 Oct 2022 03:05
Operator : CG/JU
Sample : N5025-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Oct 14 03:52:55 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 11 09:03:52 2022
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
C0BD6

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 10/14/2022
Supervised By :mohammad ahmed 10/16/2022

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.938 | 152 | 7858 | 0.400 | ng/ul | -0.01 |
| 4) Naphthalene-d8 | 10.743 | 136 | 28201 | 0.400 | ng/ul | #-0.01 |
| 9) Acenaphthene-d10 | 14.567 | 164 | 14941 | 0.400 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 17.301 | 188 | 28239 | 0.400 | ng/ul | -0.01 |
| 17) Chrysene-d12 | 21.473 | 240 | 16776 | 0.400 | ng/ul | -0.01 |
| 23) Perylene-d12 | 23.864 | 264 | 14547 | 0.400 | ng/ul | #-0.01 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.344 | 96 | 40226 | 3.630 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.327 | 152 | 9274 | 0.218 | ng/ul | -0.01 |
| 18) Fluoranthene-d10 | 19.322 | 212 | 14853 | 0.296 | ng/ul | -0.01 |
| Target Compounds | | | | | | Qvalue |
| 5) Naphthalene | 10.792 | 128 | 12217 | 0.152 | ng/ul | 97 |
| 7) 2-Methylnaphthalene | 12.398 | 142 | 6851 | 0.139 | ng/ul | 91 |
| 8) 1-Methylnaphthalene | 12.618 | 142 | 5426 | 0.108 | ng/ul | 100 |
| 10) Acenaphthylene | 14.289 | 152 | 2249 | 0.036 | ng/ul# | 84 |
| 11) Acenaphthene | 14.627 | 153 | 1449 | 0.027 | ng/ul | 98 |
| 12) Fluorene | 15.607 | 166 | 2601 | 0.043 | ng/ul# | 96 |
| 15) Phenanthrene | 17.344 | 178 | 53002 | 0.588 | ng/ul | 99 |
| 16) Anthracene | 17.436 | 178 | 12894 | 0.171 | ng/ul | 98 |
| 19) Fluoranthene | 19.355 | 202 | 109465 | 1.641 | ng/ul | 98 |
| 20) Pyrene | 19.717 | 202 | 82329m | 1.183 | ng/ul | |
| 21) Benzo(a)anthracene | 21.458 | 228 | 37320 | 0.616 | ng/ul | 99 |
| 22) Chrysene | 21.511 | 228 | 53298 | 0.819 | ng/ul | 99 |
| 24) Benzo(b)fluoranthene | 23.133 | 252 | 52220 | 0.804 | ng/ul | 94 |
| 25) Benzo(k)fluoranthene | 23.176 | 252 | 18156m | 0.287 | ng/ul | |
| 26) Benzo(a)pyrene | 23.758 | 252 | 32519 | 0.617 | ng/ul# | 84 |
| 27) Indeno(1,2,3-cd)pyrene | 26.339 | 276 | 24374 | 0.326 | ng/ul# | 92 |
| 28) Dibenzo(a,h)anthracene | 26.355 | 278 | 5766 | 0.096 | ng/ul# | 84 |
| 29) Benzo(g,h,i)perylene | 27.110 | 276 | 21565 | 0.328 | ng/ul | 100 |

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

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