Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040623\
Data File : BM039315.D
Acq On : 06 Apr 2023 13:33
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Apr 06 23:59:41 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM040623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 06 23:58:10 2023
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
SICV021

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo 04/07/2023
Supervised By :Jagrut Upadhyay 04/07/2023

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.904 | 152 | 3580 | 0.400 | ng/ul | | 0.00 |
| 4) Naphthalene-d8 | 10.702 | 136 | 17468 | 0.400 | ng/ul | | 0.00 |
| 9) Acenaphthene-d10 | 14.537 | 164 | 10231 | 0.400 | ng/ul | | 0.00 |
| 13) Phenanthrene-d10 | 17.291 | 188 | 15621 | 0.400 | ng/ul | | 0.00 |
| 17) Chrysene-d12 | 21.480 | 240 | 13779 | 0.400 | ng/ul | | 0.00 |
| 23) Perylene-d12 | 23.868 | 264 | 14689 | 0.400 | ng/ul | # | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.263 | 96 | 3396 | 0.512 | ng/ul | | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.297 | 152 | 9503 | 0.471 | ng/ul | | 0.00 |
| 18) Fluoranthene-d10 | 19.320 | 212 | 19507 | 0.454 | ng/ul | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.296 | 88 | 3643 | 0.513 | ng/ul | # | 90 |
| 5) Naphthalene | 10.752 | 128 | 19032 | 0.458 | ng/ul | | 99 |
| 7) 2-Methylnaphthalene | 12.368 | 142 | 10673 | 0.457 | ng/ul | | 100 |
| 8) 1-Methylnaphthalene | 12.583 | 142 | 12177 | 0.461 | ng/ul | | 98 |
| 10) Acenaphthylene | 14.259 | 152 | 18164 | 0.458 | ng/ul | | 99 |
| 11) Acenaphthene | 14.601 | 153 | 14650 | 0.469 | ng/ul | | 99 |
| 12) Fluorene | 15.591 | 166 | 14589 | 0.469 | ng/ul | | 99 |
| 14) Pentachlorophenol | 16.957 | 266 | 1552 | 0.417 | ng/ul | # | 81 |
| 15) Phenanthrene | 17.329 | 178 | 19887 | 0.459 | ng/ul | | 99 |
| 16) Anthracene | 17.426 | 178 | 14438 | 0.438 | ng/ul | | 99 |
| 19) Fluoranthene | 19.348 | 202 | 25577 | 0.448 | ng/ul | | 100 |
| 20) Pyrene | 19.710 | 202 | 29943 | 0.458 | ng/ul | | 100 |
| 21) Benzo(a)anthracene | 21.463 | 228 | 13603m | 0.428 | ng/ul | | |
| 22) Chrysene | 21.513 | 228 | 19183 | 0.492 | ng/ul | | 99 |
| 24) Benzo(b)fluoranthene | 23.140 | 252 | 21139 | 0.454 | ng/ul | | 94 |
| 25) Benzo(k)fluoranthene | 23.187 | 252 | 19301 | 0.434 | ng/ul | | 93 |
| 26) Benzo(a)pyrene | 23.766 | 252 | 20771 | 0.442 | ng/ul | | 91 |
| 27) Indeno(1,2,3-cd)pyrene | 26.357 | 276 | 24276 | 0.410 | ng/ul | # | 99 |
| 28) Dibenzo(a,h)anthracene | 26.377 | 278 | 16585 | 0.401 | ng/ul | | 98 |
| 29) Benzo(g,h,i)perylene | 27.109 | 276 | 23447 | 0.413 | ng/ul | | 98 |

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

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Misc :
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