Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100423\
Data File : BM042211.D
Acq On : 05 Oct 2023 10:59
Operator : MA/JU
Sample : 04588-11DL 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Oct 06 05:26:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM100223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 06 05:25:26 2023
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
BBHP1DL

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/07/2023
Supervised By :mohammad ahmed 10/07/2023

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.929 | 152 | 3451 | 0.400 | ng/ul | # 0.00 |
| 4) Naphthalene-d8 | 10.741 | 136 | 8208 | 0.400 | ng/ul | # 0.00 |
| 9) Acenaphthene-d10 | 14.574 | 164 | 4417 | 0.400 | ng/ul | # 0.00 |
| 13) Phenanthrene-d10 | 17.329 | 188 | 8275 | 0.400 | ng/ul | #-0.01 |
| 17) Chrysene-d12 | 21.507 | 240 | 4093 | 0.400 | ng/ul | # 0.00 |
| 23) Perylene-d12 | 23.906 | 264 | 4300 | 0.400 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.360 | 96 | 4786 | 1.041 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.319 | 152 | 1288 | 0.114 | ng/ul | -0.01 |
| 18) Fluoranthene-d10 | 19.352 | 212 | 1509 | 0.098 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.393 | 88 | 458 | 0.095 | ng/ul# | 56 |
| 5) Naphthalene | 10.790 | 128 | 145638 | 5.319 | ng/ul | 96 |
| 7) 2-Methylnaphthalene | 12.396 | 142 | 86478 | 5.274 | ng/ul | 97 |
| 8) 1-Methylnaphthalene | 12.616 | 142 | 198799 | 12.037 | ng/ul | 100 |
| 10) Acenaphthylene | 14.287 | 152 | 3879 | 0.139 | ng/ul# | 1 |
| 11) Acenaphthene | 14.638 | 153 | 9082 | 0.430 | ng/ul# | 77 |
| 12) Fluorene | 15.624 | 166 | 17790 | 0.748 | ng/ul# | 93 |
| 15) Phenanthrene | 17.367 | 178 | 30792 | 0.903 | ng/ul | 97 |
| 16) Anthracene | 17.460 | 178 | 1578 | 0.051 | ng/ul# | 65 |
| 19) Fluoranthene | 19.380 | 202 | 1871 | 0.060 | ng/ul# | 75 |
| 20) Pyrene | 19.747 | 202 | 3880m | 0.117 | ng/ul | |
| 21) Benzo(a)anthracene | 21.489 | 228 | 1537 | 0.058 | ng/ul# | 77 |
| 22) Chrysene | 21.545 | 228 | 1255 | 0.049 | ng/ul# | 74 |
| 24) Benzo(b)fluoranthene | 23.167 | 252 | 1175 | 0.046 | ng/ul# | 1 |
| 26) Benzo(a)pyrene | 23.798 | 252 | 715 | 0.033 | ng/ul# | 1 |
| 29) Benzo(g,h,i)perylene | 27.179 | 276 | 970 | 0.037 | ng/ul# | 49 |

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

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