Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050223\
Data File : BM039809.D
Acq On : 02 May 2023 19:19
Operator : CG/JU
Sample : 02419-30MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: May 03 04:17:10 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 02 18:41:11 2023
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
EW925MSD

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/04/2023

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.792 | 152 | 2991 | 0.400 | ng/ul | -0.01 |
| 4) Naphthalene-d8 | 10.595 | 136 | 9567 | 0.400 | ng/ul | 0.00 |
| 9) Acenaphthene-d10 | 14.451 | 164 | 5284 | 0.400 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 17.204 | 188 | 20176 | 0.400 | ng/ul | # 0.00 |
| 17) Chrysene-d12 | 21.408 | 240 | 7288 | 0.400 | ng/ul | # 0.00 |
| 23) Perylene-d12 | 23.773 | 264 | 9128 | 0.400 | ng/ul | # 0.01 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.189 | 96 | 834 | 0.189 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.190 | 152 | 1840 | 0.150 | ng/ul | -0.01 |
| 18) Fluoranthene-d10 | 19.243 | 212 | 3662 | 0.187 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.222 | 88 | 2019 | 0.442 | ng/ul# | 61 |
| 5) Naphthalene | 10.645 | 128 | 20919 | 0.871 | ng/ul | 99 |
| 7) 2-Methylnaphthalene | 12.267 | 142 | 14559 | 1.050 | ng/ul | 94 |
| 8) 1-Methylnaphthalene | 12.481 | 142 | 9666 | 0.650 | ng/ul | 100 |
| 10) Acenaphthylene | 14.173 | 152 | 42866 | 2.096 | ng/ul | 99 |
| 11) Acenaphthene | 14.511 | 153 | 14545 | 0.905 | ng/ul | 98 |
| 12) Fluorene | 15.506 | 166 | 17780 | 0.998 | ng/ul | 99 |
| 14) Pentachlorophenol | 16.879 | 266 | 517 | 0.118 | ng/ul# | 73 |
| 15) Phenanthrene | 17.246 | 178 | 261822 | 4.926 | ng/ul | 99 |
| 16) Anthracene | 17.339 | 178 | 72788 | 1.595 | ng/ul | 99 |
| 19) Fluoranthene | 19.276 | 202 | 520867 | 20.033 | ng/ul | 97 |
| 20) Pyrene | 19.638 | 202 | 503493 | 17.932 | ng/ul | 100 |
| 21) Benzo(a)anthracene | 21.394 | 228 | 304522 | 14.533 | ng/ul | 97 |
| 22) Chrysene | 21.446 | 228 | 325289 | 13.718 | ng/ul | 96 |
| 24) Benzo(b)fluoranthene | 23.056 | 252 | 577360m | 18.010 | ng/ul | |
| 25) Benzo(k)fluoranthene | 23.097 | 252 | 200718m | 6.149 | ng/ul | |
| 26) Benzo(a)pyrene | 23.668 | 252 | 387064 | 13.448 | ng/ul# | 90 |
| 27) Indeno(1,2,3-cd)pyrene | 26.228 | 276 | 420607 | 11.557 | ng/ul# | 92 |
| 28) Dibenzo(a,h)anthracene | 26.224 | 278 | 106207 | 3.760 | ng/ul# | 92 |
| 29) Benzo(g,h,i)perylene | 26.986 | 276 | 516373 | 16.283 | ng/ul | 98 |

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

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