Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031124\
Data File : BM044573.D
Acq On : 11 Mar 2024 11:43
Operator : MA/JU
Sample : SSTD0.411
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD0.4017

Quant Time: Mar 11 12:24:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM031124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 11 12:23:17 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.724 | 152 | 5865 | 0.400 | ng/ul | 0.00 |
| 4) Naphthalene-d8 | 10.507 | 136 | 19080 | 0.400 | ng/ul | 0.00 |
| 9) Acenaphthene-d10 | 14.367 | 164 | 10924 | 0.400 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 17.119 | 188 | 24518 | 0.400 | ng/ul | 0.00 |
| 17) Chrysene-d12 | 21.316 | 240 | 15552 | 0.400 | ng/ul | 0.00 |
| 23) Perylene-d12 | 23.575 | 264 | 14990 | 0.400 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.285 | 96 | 3091 | 0.387 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.101 | 152 | 10842 | 0.409 | ng/ul | 0.00 |
| 18) Fluoranthene-d10 | 19.155 | 212 | 22168 | 0.463 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.315 | 88 | 3055 | 0.378 | ng/ul | 100 |
| 5) Naphthalene | 10.556 | 128 | 20902 | 0.379 | ng/ul | 100 |
| 7) 2-Methylnaphthalene | 12.178 | 142 | 13357 | 0.390 | ng/ul | 100 |
| 8) 1-Methylnaphthalene | 12.393 | 142 | 13438 | 0.388 | ng/ul | 100 |
| 10) Acenaphthylene | 14.085 | 152 | 21466 | 0.369 | ng/ul | 100 |
| 11) Acenaphthene | 14.427 | 153 | 15627 | 0.371 | ng/ul | 100 |
| 12) Fluorene | 15.422 | 166 | 18038 | 0.379 | ng/ul | 100 |
| 14) Pentachlorophenol | 16.777 | 266 | 1924 | 0.241 | ng/ul | 100 |
| 15) Phenanthrene | 17.161 | 178 | 28640 | 0.377 | ng/ul | 100 |
| 16) Anthracene | 17.259 | 178 | 26789 | 0.361 | ng/ul | 100 |
| 19) Fluoranthene | 19.187 | 202 | 30882 | 0.431 | ng/ul | 100 |
| 20) Pyrene | 19.550 | 202 | 31378 | 0.420 | ng/ul | 100 |
| 21) Benzo(a)anthracene | 21.301 | 228 | 22660 | 0.334 | ng/ul | 100 |
| 22) Chrysene | 21.351 | 228 | 26433 | 0.359 | ng/ul | 100 |
| 24) Benzo(b)fluoranthene | 22.891 | 252 | 22368 | 0.374 | ng/ul | 100 |
| 25) Benzo(k)fluoranthene | 22.941 | 252 | 24225 | 0.373 | ng/ul | 100 |
| 26) Benzo(a)pyrene | 23.479 | 252 | 19722 | 0.358 | ng/ul | 100 |
| 27) Indeno(1,2,3-cd)pyrene | 25.863 | 276 | 22737 | 0.328 | ng/ul# | 100 |
| 28) Dibenzo(a,h)anthracene | 25.890 | 278 | 17435 | 0.320 | ng/ul | 100 |
| 29) Benzo(g,h,i)perylene | 26.554 | 276 | 20542 | 0.334 | ng/ul | 100 |

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

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