Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121123\
Data File : BM043304.D
Acq On : 13 Dec 2023 16:49
Operator : MA/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 80 Sample Multiplier: 1

Quant Time: Dec 13 17:54:38 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 11 16:25:39 2023
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD0.4156

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.005 | 152 | 12887 | 0.400 | ng/ul | 0.00 |
| 4) Naphthalene-d8 | 10.807 | 136 | 42543 | 0.400 | ng/ul | -0.01 |
| 9) Acenaphthene-d10 | 14.624 | 164 | 22493 | 0.400 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 17.367 | 188 | 43133 | 0.400 | ng/ul | 0.00 |
| 17) Chrysene-d12 | 21.533 | 240 | 24878 | 0.400 | ng/ul | 0.00 |
| 23) Perylene-d12 | 23.950 | 264 | 24572 | 0.400 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.402 | 96 | 5941 | 0.365 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.390 | 152 | 23688 | 0.393 | ng/ul | 0.00 |
| 18) Fluoranthene-d10 | 19.385 | 212 | 35767 | 0.402 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.440 | 88 | 5958 | 0.365 | ng/ul# | 77 |
| 5) Naphthalene | 10.856 | 128 | 49334 | 0.386 | ng/ul | 100 |
| 7) 2-Methylnaphthalene | 12.462 | 142 | 31658 | 0.384 | ng/ul | 100 |
| 8) 1-Methylnaphthalene | 12.682 | 142 | 31747 | 0.383 | ng/ul | 99 |
| 10) Acenaphthylene | 14.347 | 152 | 48631 | 0.393 | ng/ul | 100 |
| 11) Acenaphthene | 14.689 | 153 | 34051 | 0.378 | ng/ul | 98 |
| 12) Fluorene | 15.670 | 166 | 37080 | 0.363 | ng/ul | 99 |
| 14) Pentachlorophenol | 17.008 | 266 | 4421 | 0.463 | ng/ul | 99 |
| 15) Phenanthrene | 17.409 | 178 | 54990 | 0.382 | ng/ul | 100 |
| 16) Anthracene | 17.498 | 178 | 52144 | 0.399 | ng/ul | 100 |
| 19) Fluoranthene | 19.413 | 202 | 55327 | 0.394 | ng/ul# | 93 |
| 20) Pyrene | 19.775 | 202 | 58615 | 0.421 | ng/ul | 95 |
| 21) Benzo(a)anthracene | 21.518 | 228 | 45230 | 0.414 | ng/ul | 99 |
| 22) Chrysene | 21.571 | 228 | 42696 | 0.370 | ng/ul | 100 |
| 24) Benzo(b)fluoranthene | 23.214 | 252 | 39720 | 0.356 | ng/ul | 97 |
| 25) Benzo(k)fluoranthene | 23.263 | 252 | 41921m | 0.362 | ng/ul | |
| 26) Benzo(a)pyrene | 23.842 | 252 | 36480 | 0.396 | ng/ul | 96 |
| 27) Indeno(1,2,3-cd)pyrene | 26.465 | 276 | 42227 | 0.403 | ng/ul# | 96 |
| 28) Dibenzo(a,h)anthracene | 26.498 | 278 | 33889 | 0.408 | ng/ul | 97 |
| 29) Benzo(g,h,i)perylene | 27.239 | 276 | 34258 | 0.383 | ng/ul | 97 |

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

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