Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072423\
Data File : BM041081.D
Acq On : 24 Jul 2023 18:50
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 25 00:30:18 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 00:13:11 2023
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD0.4195

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.840 | 152 | 2920 | 0.400 | ng/ul | 0.00 |
| 4) Naphthalene-d8 | 10.647 | 136 | 9570 | 0.400 | ng/ul | 0.00 |
| 9) Acenaphthene-d10 | 14.495 | 164 | 4692 | 0.400 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 17.261 | 188 | 8715 | 0.400 | ng/ul | 0.00 |
| 17) Chrysene-d12 | 21.454 | 240 | 8796 | 0.400 | ng/ul | 0.00 |
| 23) Perylene-d12 | 23.845 | 264 | 8207 | 0.400 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.254 | 96 | 2052 | 0.456 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.247 | 152 | 5657 | 0.414 | ng/ul | 0.00 |
| 18) Fluoranthene-d10 | 19.292 | 212 | 10516 | 0.439 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.288 | 88 | 2118 | 0.460 | ng/ul# | 66 |
| 5) Naphthalene | 10.697 | 128 | 11480 | 0.369 | ng/ul | 99 |
| 7) 2-Methylnaphthalene | 12.324 | 142 | 6408 | 0.420 | ng/ul | 99 |
| 8) 1-Methylnaphthalene | 12.533 | 142 | 6554 | 0.418 | ng/ul | 100 |
| 10) Acenaphthylene | 14.222 | 152 | 8308 | 0.419 | ng/ul | 100 |
| 11) Acenaphthene | 14.560 | 153 | 7199 | 0.430 | ng/ul | 99 |
| 12) Fluorene | 15.559 | 166 | 7581 | 0.415 | ng/ul | 99 |
| 14) Pentachlorophenol | 16.932 | 266 | 958 | 0.378 | ng/ul | 97 |
| 15) Phenanthrene | 17.303 | 178 | 11313 | 0.421 | ng/ul | 99 |
| 16) Anthracene | 17.400 | 178 | 8970 | 0.412 | ng/ul | 99 |
| 19) Fluoranthene | 19.320 | 202 | 13245 | 0.420 | ng/ul | 100 |
| 20) Pyrene | 19.687 | 202 | 14528 | 0.418 | ng/ul | 99 |
| 21) Benzo(a)anthracene | 21.439 | 228 | 11406 | 0.388 | ng/ul | 99 |
| 22) Chrysene | 21.492 | 228 | 13746 | 0.405 | ng/ul | 100 |
| 24) Benzo(b)fluoranthene | 23.111 | 252 | 14117m | 0.432 | ng/ul | |
| 25) Benzo(k)fluoranthene | 23.161 | 252 | 13874 | 0.444 | ng/ul | 97 |
| 26) Benzo(a)pyrene | 23.737 | 252 | 11455 | 0.432 | ng/ul | 98 |
| 27) Indeno(1,2,3-cd)pyrene | 26.310 | 276 | 16670 | 0.425 | ng/ul# | 100 |
| 28) Dibenzo(a,h)anthracene | 26.334 | 278 | 13139 | 0.427 | ng/ul | 99 |
| 29) Benzo(g,h,i)perylene | 27.068 | 276 | 15037 | 0.429 | ng/ul | 99 |

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

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