Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049156.D
Acq On : 23 Dec 2024 21:32
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD0.4123

Quant Time: Dec 23 22:59:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.556 | 152 | 3789 | 0.400 | ng/ul | -0.01 |
| 4) Naphthalene-d8 | 10.319 | 136 | 10507 | 0.400 | ng/ul | -0.01 |
| 9) Acenaphthene-d10 | 14.191 | 164 | 5917 | 0.400 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 16.941 | 188 | 12485 | 0.400 | ng/ul | 0.00 |
| 17) Chrysene-d12 | 21.140 | 240 | 10279 | 0.400 | ng/ul | 0.00 |
| 23) Perylene-d12 | 23.297 | 264 | 11819 | 0.400 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.147 | 96 | 2025 | 0.463 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 11.919 | 152 | 5893 | 0.417 | ng/ul | 0.00 |
| 18) Fluoranthene-d10 | 18.973 | 212 | 12655 | 0.434 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.181 | 88 | 2141 | 0.419 | ng/ul# | 86 |
| 5) Naphthalene | 10.369 | 128 | 11583 | 0.440 | ng/ul | 99 |
| 7) 2-Methylnaphthalene | 11.996 | 142 | 7022 | 0.421 | ng/ul | 99 |
| 8) 1-Methylnaphthalene | 12.211 | 142 | 7225 | 0.423 | ng/ul | 100 |
| 10) Acenaphthylene | 13.909 | 152 | 10359 | 0.422 | ng/ul | 99 |
| 11) Acenaphthene | 14.251 | 153 | 7871 | 0.440 | ng/ul | 98 |
| 12) Fluorene | 15.250 | 166 | 8690 | 0.430 | ng/ul | 98 |
| 14) Pentachlorophenol | 16.604 | 266 | 1101 | 0.319 | ng/ul | 96 |
| 15) Phenanthrene | 16.984 | 178 | 13434 | 0.412 | ng/ul | 99 |
| 16) Anthracene | 17.077 | 178 | 12174 | 0.407 | ng/ul | 99 |
| 19) Fluoranthene | 19.005 | 202 | 16389 | 0.441 | ng/ul | 99 |
| 20) Pyrene | 19.368 | 202 | 17283 | 0.436 | ng/ul | 98 |
| 21) Benzo(a)anthracene | 21.126 | 228 | 14210 | 0.397 | ng/ul | 99 |
| 22) Chrysene | 21.175 | 228 | 17051 | 0.444 | ng/ul | 99 |
| 24) Benzo(b)fluoranthene | 22.654 | 252 | 16182 | 0.429 | ng/ul | 100 |
| 25) Benzo(k)fluoranthene | 22.698 | 252 | 18910 | 0.456 | ng/ul | 98 |
| 26) Benzo(a)pyrene | 23.203 | 252 | 15904 | 0.439 | ng/ul | 99 |
| 27) Indeno(1,2,3-cd)pyrene | 25.430 | 276 | 22240 | 0.434 | ng/ul# | 100 |
| 28) Dibenzo(a,h)anthracene | 25.447 | 278 | 17103 | 0.430 | ng/ul | 99 |
| 29) Benzo(g,h,i)perylene | 26.078 | 276 | 18297 | 0.444 | ng/ul | 99 |

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

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