Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021124\
Data File : BN029693.D
Acq On : 11 Feb 2024 20:44
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 87 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
SSTD0.4343

Quant Time: Feb 11 23:28:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN020624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Feb 11 23:18:17 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.880 | 152 | 5089 | 0.400 | ng/ul | 0.00 |
| 4) Naphthalene-d8 | 10.678 | 136 | 13904 | 0.400 | ng/ul | 0.00 |
| 9) Acenaphthene-d10 | 14.520 | 164 | 6059 | 0.400 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 17.272 | 188 | 11053 | 0.400 | ng/ul | 0.00 |
| 17) Chrysene-d12 | 21.470 | 240 | 8088 | 0.400 | ng/ul | 0.00 |
| 23) Perylene-d12 | 23.840 | 264 | 8076 | 0.400 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.332 | 96 | 2952 | 0.465 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.267 | 152 | 7809 | 0.441 | ng/ul | 0.00 |
| 18) Fluoranthene-d10 | 19.304 | 212 | 11147 | 0.419 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.370 | 88 | 3207 | 0.464 | ng/ul | 99 |
| 5) Naphthalene | 10.727 | 128 | 17302 | 0.442 | ng/ul | 99 |
| 7) 2-Methylnaphthalene | 12.344 | 142 | 9837 | 0.438 | ng/ul | 100 |
| 8) 1-Methylnaphthalene | 12.564 | 142 | 9910 | 0.434 | ng/ul | 99 |
| 10) Acenaphthylene | 14.243 | 152 | 12819 | 0.434 | ng/ul | 99 |
| 11) Acenaphthene | 14.581 | 153 | 9879 | 0.440 | ng/ul | 98 |
| 12) Fluorene | 15.571 | 166 | 10118 | 0.431 | ng/ul | 99 |
| 14) Pentachlorophenol | 16.917 | 266 | 919 | 0.373 | ng/ul# | 53 |
| 15) Phenanthrene | 17.314 | 178 | 14758 | 0.427 | ng/ul | 100 |
| 16) Anthracene | 17.407 | 178 | 12323 | 0.424 | ng/ul | 99 |
| 19) Fluoranthene | 19.337 | 202 | 15100 | 0.406 | ng/ul | 98 |
| 20) Pyrene | 19.699 | 202 | 15486 | 0.407 | ng/ul | 98 |
| 21) Benzo(a)anthracene | 21.455 | 228 | 12283 | 0.421 | ng/ul | 100 |
| 22) Chrysene | 21.508 | 228 | 13517 | 0.424 | ng/ul | 99 |
| 24) Benzo(b)fluoranthene | 23.121 | 252 | 13571 | 0.447 | ng/ul | 99 |
| 25) Benzo(k)fluoranthene | 23.168 | 252 | 14661 | 0.435 | ng/ul | 98 |
| 26) Benzo(a)pyrene | 23.735 | 252 | 12322 | 0.431 | ng/ul | 98 |
| 27) Indeno(1,2,3-cd)pyrene | 26.289 | 276 | 15579 | 0.449 | ng/ul# | 100 |
| 28) Dibenzo(a,h)anthracene | 26.326 | 278 | 12105 | 0.445 | ng/ul | 97 |
| 29) Benzo(g,h,i)perylene | 27.043 | 276 | 14300 | 0.454 | ng/ul | 97 |

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

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