Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN010423\
Data File : BN023546.D
Acq On : 04 Jan 2023 09:54
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
SSTD0.4366

Quant Time: Jan 05 04:35:07 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN010323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 04 00:28:51 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.952 | 152 | 5192 | 0.400 | ng/ul | 0.00 |
| 4) Naphthalene-d8 | 10.766 | 136 | 15748 | 0.400 | ng/ul | 0.00 |
| 9) Acenaphthene-d10 | 14.604 | 164 | 9023 | 0.400 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 17.352 | 188 | 19949 | 0.400 | ng/ul | 0.00 |
| 17) Chrysene-d12 | 21.543 | 240 | 18683 | 0.400 | ng/ul | 0.00 |
| 23) Perylene-d12 | 23.969 | 264 | 14967 | 0.400 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.302 | 96 | 2197 | 0.382 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.355 | 152 | 8626 | 0.356 | ng/ul | 0.00 |
| 18) Fluoranthene-d10 | 19.383 | 212 | 19756 | 0.361 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.340 | 88 | 2192 | 0.364 | ng/ul# | 87 |
| 5) Naphthalene | 10.815 | 128 | 16522 | 0.365 | ng/ul | 99 |
| 7) 2-Methylnaphthalene | 12.427 | 142 | 10338 | 0.355 | ng/ul | 100 |
| 8) 1-Methylnaphthalene | 12.647 | 142 | 10666 | 0.358 | ng/ul | 100 |
| 10) Acenaphthylene | 14.322 | 152 | 12659 | 0.344 | ng/ul | 99 |
| 11) Acenaphthene | 14.664 | 153 | 11690 | 0.360 | ng/ul | 98 |
| 12) Fluorene | 15.654 | 166 | 13280 | 0.356 | ng/ul | 100 |
| 14) Pentachlorophenol | 17.002 | 266 | 2024 | 0.315 | ng/ul | 99 |
| 15) Phenanthrene | 17.394 | 178 | 22524 | 0.361 | ng/ul | 100 |
| 16) Anthracene | 17.483 | 178 | 18360 | 0.343 | ng/ul | 100 |
| 19) Fluoranthene | 19.411 | 202 | 26154 | 0.370 | ng/ul | 98 |
| 20) Pyrene | 19.773 | 202 | 26549 | 0.357 | ng/ul | 97 |
| 21) Benzo(a)anthracene | 21.525 | 228 | 23819 | 0.345 | ng/ul | 99 |
| 22) Chrysene | 21.581 | 228 | 25549 | 0.367 | ng/ul | 99 |
| 24) Benzo(b)fluoranthene | 23.227 | 252 | 26596 | 0.384 | ng/ul | 99 |
| 25) Benzo(k)fluoranthene | 23.273 | 252 | 24606 | 0.377 | ng/ul | 99 |
| 26) Benzo(a)pyrene | 23.858 | 252 | 21011 | 0.365 | ng/ul | 98 |
| 27) Indeno(1,2,3-cd)pyrene | 26.493 | 276 | 27979 | 0.391 | ng/ul# | 99 |
| 28) Dibenzo(a,h)anthracene | 26.510 | 278 | 22247 | 0.392 | ng/ul | 100 |
| 29) Benzo(g,h,i)perylene | 27.271 | 276 | 22769 | 0.398 | ng/ul | 100 |

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

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