Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080922\
Data File : BN021082.D
Acq On : 09 Aug 2022 13:03
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
SSTD0.4276

Quant Time: Aug 09 23:11:32 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 09 23:10:06 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.780 | 152 | 3009 | 0.400 | ng/ul | 0.00 |
| 4) Naphthalene-d8 | 10.579 | 136 | 9747 | 0.400 | ng/ul | 0.00 |
| 9) Acenaphthene-d10 | 14.437 | 164 | 5715 | 0.400 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 17.192 | 188 | 11192 | 0.400 | ng/ul | 0.00 |
| 17) Chrysene-d12 | 21.404 | 240 | 8598 | 0.400 | ng/ul | 0.00 |
| 23) Perylene-d12 | 23.740 | 264 | 6572 | 0.400 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.194 | 96 | 1471 | 0.382 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.179 | 152 | 6101 | 0.427 | ng/ul | 0.00 |
| 18) Fluoranthene-d10 | 19.230 | 212 | 12020 | 0.453 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.228 | 88 | 1564 | 0.394 | ng/ul# | 90 |
| 5) Naphthalene | 10.628 | 128 | 10362 | 0.346 | ng/ul | 98 |
| 7) 2-Methylnaphthalene | 12.250 | 142 | 6702 | 0.369 | ng/ul | 100 |
| 8) 1-Methylnaphthalene | 12.470 | 142 | 7180 | 0.395 | ng/ul | 100 |
| 10) Acenaphthylene | 14.155 | 152 | 9556 | 0.358 | ng/ul | 99 |
| 11) Acenaphthene | 14.502 | 153 | 7380 | 0.334 | ng/ul | 99 |
| 12) Fluorene | 15.492 | 166 | 8264 | 0.342 | ng/ul | 99 |
| 14) Pentachlorophenol | 16.854 | 266 | 810 | 0.469 | ng/ul | 99 |
| 15) Phenanthrene | 17.230 | 178 | 13020 | 0.325 | ng/ul | 99 |
| 16) Anthracene | 17.322 | 178 | 11377 | 0.367 | ng/ul | 98 |
| 19) Fluoranthene | 19.262 | 202 | 14269 | 0.375 | ng/ul | 99 |
| 20) Pyrene | 19.625 | 202 | 14574 | 0.371 | ng/ul | 98 |
| 21) Benzo(a)anthracene | 21.387 | 228 | 10615 | 0.378 | ng/ul | 99 |
| 22) Chrysene | 21.442 | 228 | 11601 | 0.314 | ng/ul | 98 |
| 24) Benzo(b)fluoranthene | 23.029 | 252 | 10097 | 0.332 | ng/ul | 97 |
| 25) Benzo(k)fluoranthene | 23.076 | 252 | 10000 | 0.311 | ng/ul | 98 |
| 26) Benzo(a)pyrene | 23.634 | 252 | 9188 | 0.331 | ng/ul | 98 |
| 27) Indeno(1,2,3-cd)pyrene | 26.149 | 276 | 8766 | 0.265 | ng/ul# | 100 |
| 28) Dibenzo(a,h)anthracene | 26.166 | 278 | 6952 | 0.265 | ng/ul | 98 |
| 29) Benzo(g,h,i)perylene | 26.887 | 276 | 7904 | 0.267 | ng/ul | 97 |

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

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