Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
Data File : BN026282.D
Acq On : 05 Jul 2023 04:54
Operator : MA/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 139 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
SSTD0.4334

Quant Time: Jul 05 05:30:08 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 05 00:03:30 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.934 | 152 | 9976 | 0.400 | ng/ul | -0.01 |
| 4) Naphthalene-d8 | 10.748 | 136 | 31968 | 0.400 | ng/ul | -0.01 |
| 9) Acenaphthene-d10 | 14.584 | 164 | 17367 | 0.400 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 17.338 | 188 | 31290 | 0.400 | ng/ul | 0.00 |
| 17) Chrysene-d12 | 21.532 | 240 | 19109 | 0.400 | ng/ul | # 0.00 |
| 23) Perylene-d12 | 23.999 | 264 | 20912 | 0.400 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.310 | 96 | 3730 | 0.332 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.337 | 152 | 18068 | 0.367 | ng/ul | -0.01 |
| 18) Fluoranthene-d10 | 19.368 | 212 | 27787 | 0.382 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.343 | 88 | 3832 | 0.321 | ng/ul# | 90 |
| 5) Naphthalene | 10.798 | 128 | 33826 | 0.369 | ng/ul | 100 |
| 7) 2-Methylnaphthalene | 12.409 | 142 | 21095 | 0.362 | ng/ul | 100 |
| 8) 1-Methylnaphthalene | 12.629 | 142 | 21794 | 0.361 | ng/ul | 100 |
| 10) Acenaphthylene | 14.306 | 152 | 32436 | 0.399 | ng/ul | 99 |
| 11) Acenaphthene | 14.649 | 153 | 24300 | 0.365 | ng/ul | 98 |
| 12) Fluorene | 15.634 | 166 | 26557 | 0.348 | ng/ul | 100 |
| 14) Pentachlorophenol | 16.996 | 266 | 2700 | 0.241 | ng/ul | 99 |
| 15) Phenanthrene | 17.376 | 178 | 37388 | 0.362 | ng/ul | 100 |
| 16) Anthracene | 17.469 | 178 | 35264 | 0.384 | ng/ul | 99 |
| 19) Fluoranthene | 19.396 | 202 | 39709 | 0.389 | ng/ul | 99 |
| 20) Pyrene | 19.758 | 202 | 40905 | 0.385 | ng/ul | 99 |
| 21) Benzo(a)anthracene | 21.517 | 228 | 31165 | 0.395 | ng/ul | 96 |
| 22) Chrysene | 21.570 | 228 | 31423 | 0.383 | ng/ul | 97 |
| 24) Benzo(b)fluoranthene | 23.242 | 252 | 33310 | 0.373 | ng/ul | 98 |
| 25) Benzo(k)fluoranthene | 23.288 | 252 | 32150 | 0.359 | ng/ul | 100 |
| 26) Benzo(a)pyrene | 23.894 | 252 | 28585 | 0.369 | ng/ul | 97 |
| 27) Indeno(1,2,3-cd)pyrene | 26.571 | 276 | 35421 | 0.418 | ng/ul# | 94 |
| 28) Dibenzo(a,h)anthracene | 26.584 | 278 | 26977 | 0.421 | ng/ul | 96 |
| 29) Benzo(g,h,i)perylene | 27.372 | 276 | 29780 | 0.395 | ng/ul | 97 |

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

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