Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070523\
Data File : BM040727.D
Acq On : 07 Jul 2023 23:59
Operator : MA/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD0.4161

Quant Time: Jul 08 05:11:40 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 07 10:22:24 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.899 | 152 | 4822 | 0.400 | ng/ul | 0.00 |
| 4) Naphthalene-d8 | 10.708 | 136 | 18271 | 0.400 | ng/ul | 0.00 |
| 9) Acenaphthene-d10 | 14.546 | 164 | 8541 | 0.400 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 17.299 | 188 | 15081 | 0.400 | ng/ul | 0.00 |
| 17) Chrysene-d12 | 21.486 | 240 | 9342 | 0.400 | ng/ul | 0.00 |
| 23) Perylene-d12 | 23.886 | 264 | 8148 | 0.400 | ng/ul | # 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.305 | 96 | 2950 | 0.389 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.297 | 152 | 9684 | 0.378 | ng/ul | 0.00 |
| 18) Fluoranthene-d10 | 19.329 | 212 | 12720 | 0.425 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.343 | 88 | 2621 | 0.340 | ng/ul# | 92 |
| 5) Naphthalene | 10.757 | 128 | 18620 | 0.369 | ng/ul | 99 |
| 7) 2-Methylnaphthalene | 12.368 | 142 | 10969 | 0.371 | ng/ul | 97 |
| 8) 1-Methylnaphthalene | 12.588 | 142 | 10344 | 0.350 | ng/ul | 98 |
| 10) Acenaphthylene | 14.264 | 152 | 13610 | 0.357 | ng/ul | 98 |
| 11) Acenaphthene | 14.606 | 153 | 11618 | 0.361 | ng/ul | 98 |
| 12) Fluorene | 15.601 | 166 | 12322 | 0.358 | ng/ul | 99 |
| 14) Pentachlorophenol | 16.957 | 266 | 415 | 0.143 | ng/ul# | 86 |
| 15) Phenanthrene | 17.341 | 178 | 16469 | 0.352 | ng/ul | 98 |
| 16) Anthracene | 17.438 | 178 | 14309 | 0.363 | ng/ul | 97 |
| 19) Fluoranthene | 19.357 | 202 | 15908 | 0.401 | ng/ul | 99 |
| 20) Pyrene | 19.719 | 202 | 16392 | 0.385 | ng/ul | 98 |
| 21) Benzo(a)anthracene | 21.469 | 228 | 11004 | 0.348 | ng/ul | 100 |
| 22) Chrysene | 21.521 | 228 | 12263 | 0.340 | ng/ul | 99 |
| 24) Benzo(b)fluoranthene | 23.152 | 252 | 11791 | 0.374 | ng/ul | 94 |
| 25) Benzo(k)fluoranthene | 23.196 | 252 | 11831 | 0.381 | ng/ul | 94 |
| 26) Benzo(a)pyrene | 23.778 | 252 | 10228 | 0.360 | ng/ul | 91 |
| 27) Indeno(1,2,3-cd)pyrene | 26.374 | 276 | 13151 | 0.332 | ng/ul | 95 |
| 28) Dibenzo(a,h)anthracene | 26.387 | 278 | 10339 | 0.334 | ng/ul | 95 |
| 29) Benzo(g,h,i)perylene | 27.135 | 276 | 11814 | 0.341 | ng/ul | 99 |

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

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