Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062022\
Data File : BM035542.D
Acq On : 20 Jun 2022 19:42
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD0.4103

Quant Time: Jun 21 01:29:16 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM061822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 20 01:56:13 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.875 | 152 | 3555 | 0.400 | ng/ul | 0.02 |
| 4) Naphthalene-d8 | 10.649 | 136 | 13651 | 0.400 | ng/ul | 0.00 |
| 9) Acenaphthene-d10 | 14.474 | 164 | 7218 | 0.400 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 17.238 | 188 | 12979 | 0.400 | ng/ul | 0.00 |
| 17) Chrysene-d12 | 21.411 | 240 | 10626 | 0.400 | ng/ul | 0.00 |
| 23) Perylene-d12 | 23.761 | 264 | 9295 | 0.400 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.272 | 96 | 2200 | 0.440 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.255 | 152 | 7796 | 0.384 | ng/ul | 0.01 |
| 18) Fluoranthene-d10 | 19.257 | 212 | 13740 | 0.385 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.306 | 88 | 2262 | 0.454 | ng/ul# | 72 |
| 5) Naphthalene | 10.699 | 128 | 15547 | 0.336 | ng/ul | 100 |
| 7) 2-Methylnaphthalene | 12.327 | 142 | 8958 | 0.339 | ng/ul | 98 |
| 8) 1-Methylnaphthalene | 12.530 | 142 | 9291 | 0.383 | ng/ul | 99 |
| 10) Acenaphthylene | 14.206 | 152 | 14516 | 0.357 | ng/ul | 99 |
| 11) Acenaphthene | 14.539 | 153 | 10893 | 0.362 | ng/ul | 99 |
| 12) Fluorene | 15.547 | 166 | 11788 | 0.346 | ng/ul | 100 |
| 14) Pentachlorophenol | 16.951 | 266 | 766 | 0.308 | ng/ul | 99 |
| 15) Phenanthrene | 17.280 | 178 | 17246 | 0.362 | ng/ul | 99 |
| 16) Anthracene | 17.386 | 178 | 14429 | 0.346 | ng/ul | 99 |
| 19) Fluoranthene | 19.290 | 202 | 19198 | 0.353 | ng/ul | 99 |
| 20) Pyrene | 19.648 | 202 | 20652 | 0.363 | ng/ul | 99 |
| 21) Benzo(a)anthracene | 21.403 | 228 | 13052 | 0.325 | ng/ul | 99 |
| 22) Chrysene | 21.449 | 228 | 17325 | 0.362 | ng/ul | 99 |
| 24) Benzo(b)fluoranthene | 23.051 | 252 | 14763 | 0.363 | ng/ul | 99 |
| 25) Benzo(k)fluoranthene | 23.095 | 252 | 15082 | 0.357 | ng/ul | 99 |
| 26) Benzo(a)pyrene | 23.668 | 252 | 15364 | 0.364 | ng/ul | 99 |
| 27) Indeno(1,2,3-cd)pyrene | 26.215 | 276 | 18381 | 0.378 | ng/ul# | 98 |
| 28) Dibenzo(a,h)anthracene | 26.225 | 278 | 14922 | 0.376 | ng/ul | 99 |
| 29) Benzo(g,h,i)perylene | 26.942 | 276 | 16903 | 0.388 | ng/ul | 99 |

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

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