Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071723\
Data File : BM040944.D
Acq On : 18 Jul 2023 05:18
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 31 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD0.4184

Quant Time: Jul 18 22:24:14 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 : Tue Jul 18 22:24:09 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.849 | 152 | 5025 | 0.400 | ng/ul | 0.00 |
| 4) Naphthalene-d8 | 10.653 | 136 | 15923 | 0.400 | ng/ul | 0.00 |
| 9) Acenaphthene-d10 | 14.500 | 164 | 6758 | 0.400 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 17.253 | 188 | 12045 | 0.400 | ng/ul | 0.00 |
| 17) Chrysene-d12 | 21.442 | 240 | 9431 | 0.400 | ng/ul | 0.00 |
| 23) Perylene-d12 | 23.819 | 264 | 11149 | 0.400 | ng/ul | # 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.280 | 96 | 3170 | 0.402 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.247 | 152 | 8420 | 0.377 | ng/ul | 0.00 |
| 18) Fluoranthene-d10 | 19.283 | 212 | 11338 | 0.375 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.313 | 88 | 3182 | 0.396 | ng/ul | 95 |
| 5) Naphthalene | 10.702 | 128 | 17395 | 0.396 | ng/ul | 99 |
| 7) 2-Methylnaphthalene | 12.319 | 142 | 9589 | 0.372 | ng/ul | 99 |
| 8) 1-Methylnaphthalene | 12.539 | 142 | 9616 | 0.373 | ng/ul | 98 |
| 10) Acenaphthylene | 14.222 | 152 | 11475 | 0.380 | ng/ul | 99 |
| 11) Acenaphthene | 14.560 | 153 | 9723 | 0.381 | ng/ul | 98 |
| 12) Fluorene | 15.554 | 166 | 9737 | 0.358 | ng/ul | 99 |
| 14) Pentachlorophenol | 16.911 | 266 | 1112 | 0.479 | ng/ul | 91 |
| 15) Phenanthrene | 17.295 | 178 | 13964 | 0.373 | ng/ul | 99 |
| 16) Anthracene | 17.388 | 178 | 11501 | 0.366 | ng/ul | 99 |
| 19) Fluoranthene | 19.315 | 202 | 14653 | 0.366 | ng/ul | 97 |
| 20) Pyrene | 19.678 | 202 | 15492 | 0.361 | ng/ul | 98 |
| 21) Benzo(a)anthracene | 21.428 | 228 | 12900 | 0.404 | ng/ul | 99 |
| 22) Chrysene | 21.480 | 228 | 13467 | 0.370 | ng/ul | 99 |
| 24) Benzo(b)fluoranthene | 23.097 | 252 | 15418 | 0.357 | ng/ul | 97 |
| 25) Benzo(k)fluoranthene | 23.140 | 252 | 14935 | 0.351 | ng/ul | 99 |
| 26) Benzo(a)pyrene | 23.714 | 252 | 14204 | 0.365 | ng/ul | 98 |
| 27) Indeno(1,2,3-cd)pyrene | 26.270 | 276 | 20062 | 0.371 | ng/ul | 94 |
| 28) Dibenzo(a,h)anthracene | 26.284 | 278 | 15941 | 0.376 | ng/ul | 99 |
| 29) Benzo(g,h,i)perylene | 27.021 | 276 | 17056 | 0.360 | ng/ul | 98 |

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

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