Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071923\
Data File : BM040961.D
Acq On : 19 Jul 2023 18:14
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD0.4186

Quant Time: Jul 20 04:59:48 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 20 04:54:10 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.878 | 152 | 3147 | 0.400 | ng/ul | 0.00 |
| 4) Naphthalene-d8 | 10.680 | 136 | 11022 | 0.400 | ng/ul | 0.00 |
| 9) Acenaphthene-d10 | 14.527 | 164 | 5803 | 0.400 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 17.282 | 188 | 11127 | 0.400 | ng/ul | 0.00 |
| 17) Chrysene-d12 | 21.475 | 240 | 15532 | 0.400 | ng/ul | 0.00 |
| 23) Perylene-d12 | 23.871 | 264 | 13285 | 0.400 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.284 | 96 | 1997 | 0.404 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.275 | 152 | 6118 | 0.396 | ng/ul | 0.00 |
| 18) Fluoranthene-d10 | 19.311 | 212 | 21308 | 0.428 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.318 | 88 | 2128 | 0.423 | ng/ul# | 91 |
| 5) Naphthalene | 10.730 | 128 | 12338 | 0.406 | ng/ul | 100 |
| 7) 2-Methylnaphthalene | 12.352 | 142 | 6935 | 0.388 | ng/ul | 97 |
| 8) 1-Methylnaphthalene | 12.566 | 142 | 7401 | 0.415 | ng/ul | 98 |
| 10) Acenaphthylene | 14.250 | 152 | 9881 | 0.381 | ng/ul | 99 |
| 11) Acenaphthene | 14.587 | 153 | 8700 | 0.397 | ng/ul | 99 |
| 12) Fluorene | 15.582 | 166 | 9046 | 0.387 | ng/ul | 100 |
| 14) Pentachlorophenol | 16.961 | 266 | 995 | 0.464 | ng/ul | 99 |
| 15) Phenanthrene | 17.325 | 178 | 13420 | 0.388 | ng/ul | 100 |
| 16) Anthracene | 17.417 | 178 | 10661 | 0.367 | ng/ul | 99 |
| 19) Fluoranthene | 19.343 | 202 | 26456 | 0.401 | ng/ul | 95 |
| 20) Pyrene | 19.706 | 202 | 28891 | 0.408 | ng/ul | 96 |
| 21) Benzo(a)anthracene | 21.457 | 228 | 20076 | 0.382 | ng/ul | 99 |
| 22) Chrysene | 21.510 | 228 | 21935 | 0.366 | ng/ul | 100 |
| 24) Benzo(b)fluoranthene | 23.141 | 252 | 19989 | 0.389 | ng/ul | 95 |
| 25) Benzo(k)fluoranthene | 23.187 | 252 | 19874 | 0.392 | ng/ul | 95 |
| 26) Benzo(a)pyrene | 23.769 | 252 | 17231 | 0.372 | ng/ul# | 90 |
| 27) Indeno(1,2,3-cd)pyrene | 26.351 | 276 | 12150 | 0.188 | ng/ul# | 98 |
| 28) Dibenzo(a,h)anthracene | 26.374 | 278 | 9275 | 0.184 | ng/ul | 98 |
| 29) Benzo(g,h,i)perylene | 27.112 | 276 | 11134 | 0.197 | ng/ul | 99 |

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

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