Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070821\
Data File : BM030914.D
Acq On : 09 Jul 2021 09:40
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** SSTD0.4719

Quant Time: Jul 09 10:17:55 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM062821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 08 10:44:22 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.767 | 152 | 2025 | 0.400 | ng/ul | 0.00 |
| 4) Naphthalene-d8 | 10.553 | 136 | 7642 | 0.400 | ng/ul | 0.00 |
| 9) Acenaphthene-d10 | 14.402 | 164 | 3579 | 0.400 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 17.151 | 188 | 5598 | 0.400 | ng/ul | 0.00 |
| 17) Chrysene-d12 | 21.316 | 240 | 4419 | 0.400 | ng/ul | 0.00 |
| 23) Perylene-d12 | 23.563 | 264 | 4285 | 0.400 | ng/ul | # 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.272 | 96 | 901 | 0.408 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.159 | 152 | 4585 | 0.382 | ng/ul | 0.00 |
| 18) Fluoranthene-d10 | 19.168 | 212 | 5646 | 0.446 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.303 | 88 | 854 | 0.375 | ng/ul | 96 |
| 5) Naphthalene | 10.603 | 128 | 8730 | 0.401 | ng/ul | 98 |
| 7) 2-Methylnaphthalene | 12.231 | 142 | 5497 | 0.375 | ng/ul | 98 |
| 8) 1-Methylnaphthalene | 12.442 | 142 | 5206 | 0.365 | ng/ul | 99 |
| 10) Acenaphthylene | 14.125 | 152 | 6211 | 0.389 | ng/ul | 98 |
| 11) Acenaphthene | 14.466 | 153 | 5372 | 0.415 | ng/ul | 99 |
| 12) Fluorene | 15.463 | 166 | 5271 | 0.369 | ng/ul | 98 |
| 14) Pentachlorophenol | 16.825 | 266 | 577 | 0.316 | ng/ul# | 85 |
| 15) Phenanthrene | 17.193 | 178 | 7052 | 0.375 | ng/ul | 97 |
| 16) Anthracene | 17.290 | 178 | 6167 | 0.374 | ng/ul | 96 |
| 19) Fluoranthene | 19.195 | 202 | 7746 | 0.397 | ng/ul | 98 |
| 20) Pyrene | 19.557 | 202 | 8077 | 0.412 | ng/ul | 99 |
| 21) Benzo(a)anthracene | 21.301 | 228 | 6051 | 0.344 | ng/ul | 99 |
| 22) Chrysene | 21.350 | 228 | 7786 | 0.395 | ng/ul | 98 |
| 24) Benzo(b)fluoranthene | 22.885 | 252 | 7158 | 0.377 | ng/ul | 91 |
| 25) Benzo(k)fluoranthene | 22.929 | 252 | 8374 | 0.428 | ng/ul# | 90 |
| 26) Benzo(a)pyrene | 23.466 | 252 | 6641 | 0.411 | ng/ul# | 84 |
| 27) Indeno(1,2,3-cd)pyrene | 25.851 | 276 | 8846 | 0.421 | ng/ul# | 98 |
| 28) Dibenzo(a,h)anthracene | 25.870 | 278 | 7121 | 0.422 | ng/ul# | 87 |
| 29) Benzo(g,h,i)perylene | 26.534 | 276 | 7917 | 0.433 | ng/ul | 97 |

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

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