Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072921\
Data File : BM031329.D
Acq On : 01 Aug 2021 02:13
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 25 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** SSTD0.4083

Quant Time: Aug 02 03:25:50 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 02 02:05:37 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.608 | 152 | 1374 | 0.400 | ng/ul | 0.00 |
| 4) Naphthalene-d8 | 10.370 | 136 | 5230 | 0.400 | ng/ul | 0.00 |
| 9) Acenaphthene-d10 | 14.235 | 164 | 3022 | 0.400 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 16.985 | 188 | 5673 | 0.400 | ng/ul | 0.00 |
| 17) Chrysene-d12 | 21.173 | 240 | 4243 | 0.400 | ng/ul | 0.00 |
| 23) Perylene-d12 | 23.336 | 264 | 4151 | 0.400 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.199 | 96 | 519 | 0.340 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 11.962 | 152 | 3222 | 0.366 | ng/ul | 0.00 |
| 18) Fluoranthene-d10 | 19.016 | 212 | 5398 | 0.381 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.234 | 88 | 567 | 0.368 | ng/ul | 98 |
| 5) Naphthalene | 10.419 | 128 | 5703 | 0.366 | ng/ul | 99 |
| 7) 2-Methylnaphthalene | 12.038 | 142 | 3877 | 0.364 | ng/ul | 100 |
| 8) 1-Methylnaphthalene | 12.259 | 142 | 3790 | 0.360 | ng/ul | 99 |
| 10) Acenaphthylene | 13.959 | 152 | 4905 | 0.381 | ng/ul | 99 |
| 11) Acenaphthene | 14.300 | 153 | 3928 | 0.363 | ng/ul | 97 |
| 12) Fluorene | 15.293 | 166 | 4312 | 0.346 | ng/ul | 98 |
| 14) Pentachlorophenol | 16.642 | 266 | 624 | 0.343 | ng/ul | 98 |
| 15) Phenanthrene | 17.027 | 178 | 6408 | 0.356 | ng/ul | 99 |
| 16) Anthracene | 17.117 | 178 | 6039 | 0.358 | ng/ul | 99 |
| 19) Fluoranthene | 19.047 | 202 | 6827 | 0.377 | ng/ul | 98 |
| 20) Pyrene | 19.409 | 202 | 6846 | 0.373 | ng/ul | 98 |
| 21) Benzo(a)anthracene | 21.159 | 228 | 6107 | 0.356 | ng/ul | 98 |
| 22) Chrysene | 21.210 | 228 | 6192 | 0.349 | ng/ul | 99 |
| 24) Benzo(b)fluoranthene | 22.691 | 252 | 6322 | 0.338 | ng/ul | 95 |
| 25) Benzo(k)fluoranthene | 22.735 | 252 | 6368 | 0.330 | ng/ul | 97 |
| 26) Benzo(a)pyrene | 23.241 | 252 | 5608 | 0.342 | ng/ul# | 94 |
| 27) Indeno(1,2,3-cd)pyrene | 25.480 | 276 | 7430 | 0.351 | ng/ul# | 97 |
| 28) Dibenzo(a,h)anthracene | 25.495 | 278 | 6008 | 0.352 | ng/ul | 99 |
| 29) Benzo(g,h,i)perylene | 26.134 | 276 | 6346 | 0.351 | ng/ul | 96 |

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

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