Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071923\
Data File : BM040964.D
Acq On : 19 Jul 2023 20:14
Operator : MA/JU
Sample : SSTD0.496
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD0.4031

Quant Time: Jul 20 05:00:19 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 | 3361 | 0.400 | ng/ul | 0.00 |
| 4) Naphthalene-d8 | 10.680 | 136 | 13141 | 0.400 | ng/ul | 0.00 |
| 9) Acenaphthene-d10 | 14.523 | 164 | 5078 | 0.400 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 17.282 | 188 | 9501 | 0.400 | ng/ul | 0.00 |
| 17) Chrysene-d12 | 21.472 | 240 | 6396 | 0.400 | ng/ul | 0.00 |
| 23) Perylene-d12 | 23.871 | 264 | 5737 | 0.400 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.284 | 96 | 1770 | 0.335 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.280 | 152 | 7417 | 0.403 | ng/ul | 0.00 |
| 18) Fluoranthene-d10 | 19.315 | 212 | 9381 | 0.458 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.317 | 88 | 1825 | 0.340 | ng/ul | 100 |
| 5) Naphthalene | 10.730 | 128 | 14187 | 0.391 | ng/ul | 100 |
| 7) 2-Methylnaphthalene | 12.352 | 142 | 8225 | 0.386 | ng/ul | 100 |
| 8) 1-Methylnaphthalene | 12.566 | 142 | 8746 | 0.411 | ng/ul | 100 |
| 10) Acenaphthylene | 14.250 | 152 | 8422 | 0.371 | ng/ul | 100 |
| 11) Acenaphthene | 14.587 | 153 | 7433 | 0.388 | ng/ul | 100 |
| 12) Fluorene | 15.582 | 166 | 7663 | 0.375 | ng/ul | 100 |
| 14) Pentachlorophenol | 16.974 | 266 | 681 | 0.372 | ng/ul | 98 |
| 15) Phenanthrene | 17.324 | 178 | 11183 | 0.379 | ng/ul | 100 |
| 16) Anthracene | 17.421 | 178 | 8527 | 0.344 | ng/ul | 100 |
| 19) Fluoranthene | 19.343 | 202 | 11903 | 0.438 | ng/ul | 100 |
| 20) Pyrene | 19.705 | 202 | 12698 | 0.436 | ng/ul | 100 |
| 21) Benzo(a)anthracene | 21.457 | 228 | 7409 | 0.342 | ng/ul | 100 |
| 22) Chrysene | 21.507 | 228 | 8740 | 0.354 | ng/ul | 100 |
| 24) Benzo(b)fluoranthene | 23.135 | 252 | 8380 | 0.377 | ng/ul | 100 |
| 25) Benzo(k)fluoranthene | 23.187 | 252 | 8322 | 0.380 | ng/ul | 100 |
| 26) Benzo(a)pyrene | 23.763 | 252 | 7309 | 0.365 | ng/ul | 100 |
| 27) Indeno(1,2,3-cd)pyrene | 26.351 | 276 | 9870 | 0.354 | ng/ul# | 100 |
| 28) Dibenzo(a,h)anthracene | 26.367 | 278 | 7476 | 0.343 | ng/ul | 100 |
| 29) Benzo(g,h,i)perylene | 27.102 | 276 | 9301 | 0.381 | ng/ul | 100 |

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

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