Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062322\
Data File : BM035654.D
Acq On : 24 Jun 2022 09:08
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD0.4110

Quant Time: Jun 25 04:05:19 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM061822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 20 01:56:13 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.884 | 152 | 4124 | 0.400 | ng/ul | 0.03 |
| 4) Naphthalene-d8 | 10.644 | 136 | 18147 | 0.400 | ng/ul | 0.00 |
| 9) Acenaphthene-d10 | 14.469 | 164 | 10491 | 0.400 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 17.229 | 188 | 21474 | 0.400 | ng/ul | 0.00 |
| 17) Chrysene-d12 | 21.409 | 240 | 16605 | 0.400 | ng/ul | 0.00 |
| 23) Perylene-d12 | 23.756 | 264 | 14429 | 0.400 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.268 | 96 | 2688 | 0.463 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.255 | 152 | 11064 | 0.410 | ng/ul | 0.01 |
| 18) Fluoranthene-d10 | 19.247 | 212 | 23233 | 0.417 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.302 | 88 | 2628 | 0.455 | ng/ul# | 59 |
| 5) Naphthalene | 10.699 | 128 | 19421 | 0.316 | ng/ul | 99 |
| 7) 2-Methylnaphthalene | 12.332 | 142 | 11523 | 0.328 | ng/ul | 93 |
| 8) 1-Methylnaphthalene | 12.519 | 142 | 12529 | 0.389 | ng/ul | 100 |
| 10) Acenaphthylene | 14.200 | 152 | 21073 | 0.357 | ng/ul | 99 |
| 11) Acenaphthene | 14.529 | 153 | 15806 | 0.361 | ng/ul | 99 |
| 12) Fluorene | 15.542 | 166 | 17772 | 0.359 | ng/ul | 100 |
| 14) Pentachlorophenol | 16.933 | 266 | 1460 | 0.354 | ng/ul | 98 |
| 15) Phenanthrene | 17.271 | 178 | 27231 | 0.346 | ng/ul | 98 |
| 16) Anthracene | 17.381 | 178 | 23005 | 0.334 | ng/ul | 99 |
| 19) Fluoranthene | 19.280 | 202 | 30373 | 0.358 | ng/ul | 98 |
| 20) Pyrene | 19.642 | 202 | 33883 | 0.381 | ng/ul | 98 |
| 21) Benzo(a)anthracene | 21.400 | 228 | 20124 | 0.320 | ng/ul | 99 |
| 22) Chrysene | 21.447 | 228 | 25612 | 0.343 | ng/ul | 100 |
| 24) Benzo(b)fluoranthene | 23.043 | 252 | 21377 | 0.338 | ng/ul | 99 |
| 25) Benzo(k)fluoranthene | 23.092 | 252 | 21101 | 0.322 | ng/ul | 98 |
| 26) Benzo(a)pyrene | 23.662 | 252 | 22098 | 0.337 | ng/ul | 98 |
| 27) Indeno(1,2,3-cd)pyrene | 26.208 | 276 | 25486 | 0.338 | ng/ul | 98 |
| 28) Dibenzo(a,h)anthracene | 26.222 | 278 | 20591 | 0.334 | ng/ul | 97 |
| 29) Benzo(g,h,i)perylene | 26.940 | 276 | 22881 | 0.339 | ng/ul | 97 |

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

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