Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046113.D
Acq On : 20 Jun 2024 08:49
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD0.4134

Quant Time: Jun 20 10:58:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 18 13:58:29 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.472 | 152 | 1922 | 0.400 | ng/ul | 0.00 |
| 4) Naphthalene-d8 | 10.249 | 136 | 6132 | 0.400 | ng/ul | 0.00 |
| 9) Acenaphthene-d10 | 14.099 | 164 | 3470 | 0.400 | ng/ul | -0.01 |
| 13) Phenanthrene-d10 | 16.858 | 188 | 6468 | 0.400 | ng/ul | 0.00 |
| 17) Chrysene-d12 | 21.038 | 240 | 5174 | 0.400 | ng/ul | 0.00 |
| 23) Perylene-d12 | 23.127 | 264 | 7869 | 0.400 | ng/ul | -0.02 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.042 | 96 | 1260 | 0.478 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 11.866 | 152 | 3300 | 0.401 | ng/ul | 0.00 |
| 18) Fluoranthene-d10 | 18.881 | 212 | 6320 | 0.408 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.071 | 88 | 1298 | 0.439 | ng/ul# | 86 |
| 5) Naphthalene | 10.298 | 128 | 6956 | 0.407 | ng/ul | 99 |
| 7) 2-Methylnaphthalene | 11.937 | 142 | 3916 | 0.407 | ng/ul | 99 |
| 8) 1-Methylnaphthalene | 12.141 | 142 | 4553 | 0.431 | ng/ul | 98 |
| 10) Acenaphthylene | 13.827 | 152 | 6931 | 0.421 | ng/ul | 98 |
| 11) Acenaphthene | 14.164 | 153 | 5113 | 0.430 | ng/ul | 99 |
| 12) Fluorene | 15.173 | 166 | 5250 | 0.412 | ng/ul | 97 |
| 14) Pentachlorophenol | 16.550 | 266 | 632 | 0.326 | ng/ul | 97 |
| 15) Phenanthrene | 16.896 | 178 | 7565 | 0.416 | ng/ul | 98 |
| 16) Anthracene | 16.998 | 178 | 5353 | 0.396 | ng/ul | 99 |
| 19) Fluoranthene | 18.909 | 202 | 9711 | 0.433 | ng/ul | 98 |
| 20) Pyrene | 19.267 | 202 | 10204 | 0.421 | ng/ul | 98 |
| 21) Benzo(a)anthracene | 21.023 | 228 | 7965 | 0.399 | ng/ul | 99 |
| 22) Chrysene | 21.073 | 228 | 10560 | 0.414 | ng/ul | 99 |
| 24) Benzo(b)fluoranthene | 22.510 | 252 | 11227 | 0.396 | ng/ul | 94 |
| 25) Benzo(k)fluoranthene | 22.551 | 252 | 13115 | 0.389 | ng/ul | 94 |
| 26) Benzo(a)pyrene | 23.036 | 252 | 11594 | 0.441 | ng/ul | 90 |
| 27) Indeno(1,2,3-cd)pyrene | 25.182 | 276 | 16834 | 0.392 | ng/ul# | 49 |
| 28) Dibenzo(a,h)anthracene | 25.192 | 278 | 12923 | 0.404 | ng/ul | 94 |
| 29) Benzo(g,h,i)perylene | 25.802 | 276 | 15081 | 0.409 | ng/ul | 97 |

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

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