

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM072324\  
 Data File : BM046770.D  
 Acq On : 23 Jul 2024 10:15  
 Operator : MA/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD0.4180

Quant Time: Jul 23 11:35:41 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM071024.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 19 11:38:04 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|--------|------|----------|-------|---------|----------|
| Internal Standards          |        |      |          |       |         |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.480  | 152  | 1974     | 0.400 | ng/ul   | 0.00     |
| 4) Naphthalene-d8           | 10.238 | 136  | 4959     | 0.400 | ng/ul # | 0.00     |
| 9) Acenaphthene-d10         | 14.123 | 164  | 3412     | 0.400 | ng/ul   | 0.00     |
| 13) Phenanthrene-d10        | 16.880 | 188  | 7678     | 0.400 | ng/ul   | 0.00     |
| 17) Chrysene-d12            | 21.087 | 240  | 6362     | 0.400 | ng/ul   | 0.00     |
| 23) Perylene-d12            | 23.224 | 264  | 6938     | 0.400 | ng/ul   | 0.00     |
| System Monitoring Compounds |        |      |          |       |         |          |
| 3) 1,4-Dioxane-d8           | 3.105  | 96   | 638      | 0.393 | ng/ul   | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.838 | 152  | 3287     | 0.411 | ng/ul   | 0.00     |
| 18) Fluoranthene-d10        | 18.918 | 212  | 7981     | 0.412 | ng/ul   | 0.00     |
| Target Compounds            |        |      |          |       |         |          |
|                             |        |      |          |       | Qvalue  |          |
| 2) 1,4-Dioxane              | 3.139  | 88   | 659      | 0.381 | ng/ul#  | 77       |
| 5) Naphthalene              | 10.282 | 128  | 5002     | 0.396 | ng/ul   | 99       |
| 7) 2-Methylnaphthalene      | 11.910 | 142  | 3637     | 0.410 | ng/ul   | 100      |
| 8) 1-Methylnaphthalene      | 12.135 | 142  | 3741     | 0.414 | ng/ul   | 98       |
| 10) Acenaphthylene          | 13.841 | 152  | 6161     | 0.397 | ng/ul   | 97       |
| 11) Acenaphthene            | 14.187 | 153  | 4114     | 0.395 | ng/ul   | 95       |
| 12) Fluorene                | 15.182 | 166  | 5244     | 0.407 | ng/ul   | 97       |
| 14) Pentachlorophenol       | 16.538 | 266  | 1274     | 0.327 | ng/ul   | 99       |
| 15) Phenanthrene            | 16.922 | 178  | 8666     | 0.396 | ng/ul   | 100      |
| 16) Anthracene              | 17.010 | 178  | 9705     | 0.454 | ng/ul   | 99       |
| 19) Fluoranthene            | 18.946 | 202  | 10663    | 0.408 | ng/ul   | 99       |
| 20) Pyrene                  | 19.313 | 202  | 11038    | 0.390 | ng/ul   | 98       |
| 21) Benzo(a)anthracene      | 21.073 | 228  | 10274    | 0.365 | ng/ul   | 99       |
| 22) Chrysene                | 21.125 | 228  | 9946     | 0.365 | ng/ul   | 100      |
| 24) Benzo(b)fluoranthene    | 22.589 | 252  | 10538    | 0.380 | ng/ul   | 98       |
| 25) Benzo(k)fluoranthene    | 22.630 | 252  | 10717    | 0.394 | ng/ul   | 98       |
| 26) Benzo(a)pyrene          | 23.130 | 252  | 8413     | 0.369 | ng/ul   | 98       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.333 | 276  | 13369    | 0.385 | ng/ul#  | 100      |
| 28) Dibenzo(a,h)anthracene  | 25.349 | 278  | 10479    | 0.381 | ng/ul   | 98       |
| 29) Benzo(g,h,i)perylene    | 25.973 | 276  | 10760    | 0.389 | ng/ul   | 99       |

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

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