

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM111321\  
 Data File : BM033053.D  
 Acq On : 13 Nov 2021 22:25  
 Operator : CG/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD0.4171

Quant Time: Nov 15 03:24:21 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM110921.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Nov 15 03:11:31 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.438  | 152  | 1732     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.208 | 136  | 6964     | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.095 | 164  | 4382     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 16.838 | 188  | 8582     | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.035 | 240  | 5811     | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.139 | 264  | 4775     | 0.400 | ng/ul  | # 0.00   |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 2.850  | 96   | 837      | 0.378 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.809 | 152  | 3929     | 0.397 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 18.873 | 212  | 7878     | 0.447 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       |        | Qvalue   |
| 2) 1,4-Dioxane              | 2.885  | 88   | 948      | 0.417 | ng/ul  | 98       |
| 5) Naphthalene              | 10.257 | 128  | 7857     | 0.389 | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 11.881 | 142  | 5449     | 0.389 | ng/ul  | 97       |
| 8) 1-Methylnaphthalene      | 12.106 | 142  | 5414     | 0.395 | ng/ul  | 100      |
| 10) Acenaphthylene          | 13.810 | 152  | 7329     | 0.385 | ng/ul  | 100      |
| 11) Acenaphthene            | 14.155 | 153  | 6284     | 0.378 | ng/ul  | 99       |
| 12) Fluorene                | 15.149 | 166  | 6952     | 0.354 | ng/ul  | 98       |
| 14) Pentachlorophenol       | 16.511 | 266  | 877      | 0.392 | ng/ul  | 100      |
| 15) Phenanthrene            | 16.879 | 178  | 10473    | 0.367 | ng/ul  | 100      |
| 16) Anthracene              | 16.973 | 178  | 9109     | 0.363 | ng/ul  | 100      |
| 19) Fluoranthene            | 18.903 | 202  | 11418    | 0.419 | ng/ul  | 100      |
| 20) Pyrene                  | 19.266 | 202  | 11533    | 0.407 | ng/ul  | 100      |
| 21) Benzo(a)anthracene      | 21.018 | 228  | 7988     | 0.372 | ng/ul  | 99       |
| 22) Chrysene                | 21.069 | 228  | 8929     | 0.369 | ng/ul  | 100      |
| 24) Benzo(b)fluoranthene    | 22.516 | 252  | 7690     | 0.351 | ng/ul  | 93       |
| 25) Benzo(k)fluoranthene    | 22.557 | 252  | 8526     | 0.363 | ng/ul  | 93       |
| 26) Benzo(a)pyrene          | 23.049 | 252  | 6563     | 0.363 | ng/ul  | 93       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.198 | 276  | 8432     | 0.406 | ng/ul# | 93       |
| 28) Dibenzo(a,h)anthracene  | 25.201 | 278  | 6694     | 0.407 | ng/ul  | 96       |
| 29) Benzo(g,h,i)perylene    | 25.823 | 276  | 7517     | 0.417 | ng/ul  | 98       |
| -----                       |        |      |          |       |        |          |

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

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