

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM062321\  
 Data File : BM030560.D  
 Acq On : 23 Jun 2021 23:02  
 Operator : CG/JU  
 Sample : SSTD0.403  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD0.4603

Quant Time: Jun 24 01:37:53 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM062321.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jun 24 01:37:13 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.805  | 152  | 3671     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.590 | 136  | 13386    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.432 | 164  | 7478     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.169 | 188  | 14407    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.333 | 240  | 17218    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.593 | 264  | 16586    | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.286  | 96   | 1662     | 0.462 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.182 | 152  | 8685     | 0.453 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.188 | 212  | 15707    | 0.272 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.317  | 88   | 1641     | 0.422 | ng/ul  | 100      |
| 5) Naphthalene              | 10.640 | 128  | 16652    | 0.421 | ng/ul  | 100      |
| 7) 2-Methylnaphthalene      | 12.254 | 142  | 11380    | 0.426 | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.475 | 142  | 10666    | 0.416 | ng/ul  | 100      |
| 10) Acenaphthylene          | 14.152 | 152  | 14610    | 0.411 | ng/ul  | 100      |
| 11) Acenaphthene            | 14.493 | 153  | 11999    | 0.396 | ng/ul  | 100      |
| 12) Fluorene                | 15.482 | 166  | 13357    | 0.388 | ng/ul  | 100      |
| 14) Pentachlorophenol       | 16.853 | 266  | 1953     | 0.435 | ng/ul  | 100      |
| 15) Phenanthrene            | 17.207 | 178  | 21157    | 0.406 | ng/ul  | 100      |
| 16) Anthracene              | 17.301 | 178  | 19983    | 0.449 | ng/ul  | 100      |
| 19) Fluoranthene            | 19.218 | 202  | 26737    | 0.305 | ng/ul  | 100      |
| 20) Pyrene                  | 19.580 | 202  | 28097    | 0.315 | ng/ul  | 100      |
| 21) Benzo(a)anthracene      | 21.316 | 228  | 25405    | 0.368 | ng/ul  | 100      |
| 22) Chrysene                | 21.369 | 228  | 30441    | 0.409 | ng/ul  | 100      |
| 24) Benzo(b)fluoranthene    | 22.910 | 252  | 29576    | 0.359 | ng/ul  | 100      |
| 25) Benzo(k)fluoranthene    | 22.953 | 252  | 30617    | 0.392 | ng/ul  | 100      |
| 26) Benzo(a)pyrene          | 23.493 | 252  | 26189    | 0.393 | ng/ul  | 100      |
| 27) Indeno(1,2,3-cd)pyrene  | 25.880 | 276  | 33666    | 0.382 | ng/ul# | 100      |
| 28) Dibenzo(a,h)anthracene  | 25.894 | 278  | 27107    | 0.380 | ng/ul  | 100      |
| 29) Benzo(g,h,i)perylene    | 26.583 | 276  | 29179    | 0.379 | ng/ul  | 100      |
| -----                       |        |      |          |       |        |          |

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

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