

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM053123\  
 Data File : BM040078.D  
 Acq On : 31 May 2023 13:47  
 Operator : CG/JU  
 Sample : SST0.879  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SST0.8011

Quant Time: May 31 18:07:21 2023  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM053123.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 31 18:06:12 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.999  | 152  | 7078     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.811 | 136  | 22690    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.637 | 164  | 10339    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.379 | 188  | 18109    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.553 | 240  | 11767    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.988 | 264  | 10140    | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.371  | 96   | 6511     | 0.748 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.395 | 152  | 20667    | 0.749 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.398 | 212  | 25166    | 0.732 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.409  | 88   | 6894     | 0.754 | ng/ul# | 72       |
| 5) Naphthalene              | 10.861 | 128  | 43793    | 0.725 | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 12.472 | 142  | 25571    | 0.761 | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.686 | 142  | 26391    | 0.752 | ng/ul  | 100      |
| 10) Acenaphthylene          | 14.355 | 152  | 30570    | 0.757 | ng/ul  | 99       |
| 11) Acenaphthene            | 14.697 | 153  | 26346    | 0.759 | ng/ul  | 99       |
| 12) Fluorene                | 15.683 | 166  | 27402    | 0.762 | ng/ul  | 99       |
| 14) Pentachlorophenol       | 17.024 | 266  | 2950     | 0.728 | ng/ul  | 100      |
| 15) Phenanthrene            | 17.417 | 178  | 39654    | 0.763 | ng/ul  | 100      |
| 16) Anthracene              | 17.510 | 178  | 32761    | 0.771 | ng/ul  | 100      |
| 19) Fluoranthene            | 19.431 | 202  | 37952    | 0.747 | ng/ul  | 100      |
| 20) Pyrene                  | 19.789 | 202  | 37553    | 0.734 | ng/ul  | 99       |
| 21) Benzo(a)anthracene      | 21.535 | 228  | 28648    | 0.742 | ng/ul  | 99       |
| 22) Chrysene                | 21.588 | 228  | 31172    | 0.745 | ng/ul  | 100      |
| 24) Benzo(b)fluoranthene    | 23.242 | 252  | 32811    | 0.768 | ng/ul  | 97       |
| 25) Benzo(k)fluoranthene    | 23.292 | 252  | 31499    | 0.774 | ng/ul  | 95       |
| 26) Benzo(a)pyrene          | 23.880 | 252  | 26533    | 0.763 | ng/ul  | 95       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.524 | 276  | 35717    | 0.792 | ng/ul# | 100      |
| 28) Dibenzo(a,h)anthracene  | 26.544 | 278  | 28491    | 0.799 | ng/ul  | 97       |
| 29) Benzo(g,h,i)perylene    | 27.302 | 276  | 28289    | 0.774 | ng/ul  | 99       |

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

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