

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN030923\  
 Data File : BN024166.D  
 Acq On : 08 Mar 2023 13:44  
 Operator : CG/JU  
 Sample : SST0.478  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SST0.4239

Quant Time: Mar 09 00:50:07 2023  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN030923.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 09 00:47:00 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.059  | 152  | 8837     | 0.400 | ng/u1  | 0.00     |
| 4) Naphthalene-d8           | 10.878 | 136  | 24886    | 0.400 | ng/u1  | 0.00     |
| 9) Acenaphthene-d10         | 14.693 | 164  | 12870    | 0.400 | ng/u1  | 0.00     |
| 13) Phenanthrene-d10        | 17.439 | 188  | 26393    | 0.400 | ng/u1  | 0.00     |
| 17) Chrysene-d12            | 21.624 | 240  | 20509    | 0.400 | ng/u1  | 0.00     |
| 23) Perylene-d12            | 24.129 | 264  | 17637    | 0.400 | ng/u1  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.410  | 96   | 4017     | 0.424 | ng/u1  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.456 | 152  | 11889    | 0.305 | ng/u1  | 0.00     |
| 18) Fluoranthene-d10        | 19.459 | 212  | 21458    | 0.389 | ng/u1  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.448  | 88   | 4386     | 0.437 | ng/u1  | 100      |
| 5) Naphthalene              | 10.927 | 128  | 25146    | 0.369 | ng/u1  | 100      |
| 7) 2-Methylnaphthalene      | 12.527 | 142  | 15087    | 0.341 | ng/u1  | 100      |
| 8) 1-Methylnaphthalene      | 12.747 | 142  | 15939    | 0.352 | ng/u1  | 100      |
| 10) Acenaphthylene          | 14.411 | 152  | 21418    | 0.435 | ng/u1  | 100      |
| 11) Acenaphthene            | 14.754 | 153  | 16726    | 0.386 | ng/u1  | 100      |
| 12) Fluorene                | 15.739 | 166  | 18567    | 0.355 | ng/u1  | 100      |
| 14) Pentachlorophenol       | 17.080 | 266  | 2697     | 0.310 | ng/u1# | 73       |
| 15) Phenanthrene            | 17.477 | 178  | 30526    | 0.388 | ng/u1  | 100      |
| 16) Anthracene              | 17.569 | 178  | 26242    | 0.399 | ng/u1  | 100      |
| 19) Fluoranthene            | 19.492 | 202  | 32104    | 0.471 | ng/u1  | 100      |
| 20) Pyrene                  | 19.854 | 202  | 32414    | 0.459 | ng/u1  | 100      |
| 21) Benzo(a)anthracene      | 21.606 | 228  | 26412    | 0.379 | ng/u1  | 100      |
| 22) Chrysene                | 21.662 | 228  | 28375    | 0.387 | ng/u1  | 100      |
| 24) Benzo(b)fluoranthene    | 23.357 | 252  | 26397    | 0.339 | ng/u1  | 100      |
| 25) Benzo(k)fluoranthene    | 23.410 | 252  | 27759    | 0.364 | ng/u1  | 100      |
| 26) Benzo(a)pyrene          | 24.015 | 252  | 22773    | 0.351 | ng/u1  | 100      |
| 27) Indeno(1,2,3-cd)pyrene  | 26.760 | 276  | 26278    | 0.289 | ng/u1# | 100      |
| 28) Dibenzo(a,h)anthracene  | 26.790 | 278  | 19916    | 0.273 | ng/u1  | 100      |
| 29) Benzo(g,h,i)perylene    | 27.585 | 276  | 22691    | 0.303 | ng/u1  | 100      |
| -----                       |        |      |          |       |        |          |

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

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