

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN081523\  
 Data File : BN026901.D  
 Acq On : 15 Aug 2023 15:03  
 Operator : MA/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD0.4386

Quant Time: Aug 16 00:53:53 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN080323.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 16 00:50:05 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.110  | 152  | 5819     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.938 | 136  | 17365    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.735 | 164  | 10741    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.481 | 188  | 24006    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.662 | 240  | 21312    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 24.211 | 264  | 22462    | 0.400 | ng/ul  | # 0.00   |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.439  | 96   | 2743     | 0.397 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.511 | 152  | 11223    | 0.439 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.497 | 212  | 27071    | 0.402 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       |        | Qvalue   |
| 2) 1,4-Dioxane              | 3.477  | 88   | 2741     | 0.389 | ng/ul  | 97       |
| 5) Naphthalene              | 10.988 | 128  | 19103    | 0.389 | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 12.583 | 142  | 13059    | 0.439 | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.797 | 142  | 13851    | 0.445 | ng/ul  | 100      |
| 10) Acenaphthylene          | 14.462 | 152  | 19999    | 0.332 | ng/ul  | 99       |
| 11) Acenaphthene            | 14.800 | 153  | 15906    | 0.382 | ng/ul  | 99       |
| 12) Fluorene                | 15.781 | 166  | 18043    | 0.383 | ng/ul  | 99       |
| 14) Pentachlorophenol       | 17.105 | 266  | 1992     | 0.293 | ng/ul  | 99       |
| 15) Phenanthrene            | 17.523 | 178  | 30180    | 0.383 | ng/ul  | 100      |
| 16) Anthracene              | 17.616 | 178  | 25405    | 0.356 | ng/ul  | 100      |
| 19) Fluoranthene            | 19.529 | 202  | 35224    | 0.398 | ng/ul  | 98       |
| 20) Pyrene                  | 19.896 | 202  | 36294    | 0.384 | ng/ul  | 97       |
| 21) Benzo(a)anthracene      | 21.641 | 228  | 31675    | 0.374 | ng/ul  | 100      |
| 22) Chrysene                | 21.700 | 228  | 33501    | 0.400 | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 23.419 | 252  | 36590    | 0.431 | ng/ul  | 99       |
| 25) Benzo(k)fluoranthene    | 23.471 | 252  | 36218    | 0.432 | ng/ul  | 98       |
| 26) Benzo(a)pyrene          | 24.097 | 252  | 32108    | 0.419 | ng/ul  | 99       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.904 | 276  | 41935    | 0.418 | ng/ul# | 100      |
| 28) Dibenzo(a,h)anthracene  | 26.941 | 278  | 32571    | 0.407 | ng/ul  | 100      |
| 29) Benzo(g,h,i)perylene    | 27.746 | 276  | 35415    | 0.424 | ng/ul  | 100      |
| -----                       |        |      |          |       |        |          |

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

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