

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN102422\  
 Data File : BN022328.D  
 Acq On : 25 Oct 2022 17:06  
 Operator : CG/JU  
 Sample : SSTDCCC0.4EC  
 Misc :  
 ALS Vial : 43 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD0.4328

Quant Time: Oct 27 05:14:44 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN102022.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Oct 22 03:40:14 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.948  | 152  | 3671     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.776 | 136  | 13076    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.617 | 164  | 7412     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.373 | 188  | 13848    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.576 | 240  | 7650     | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 24.035 | 264  | 6150     | 0.400 | ng/ul  | # 0.00   |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.257  | 96   | 1706     | 0.358 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.371 | 152  | 7862     | 0.397 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.411 | 212  | 12382    | 0.482 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       |        | Qvalue   |
| 2) 1,4-Dioxane              | 3.291  | 88   | 1760     | 0.359 | ng/ul# | 90       |
| 5) Naphthalene              | 10.826 | 128  | 14781    | 0.383 | ng/ul  | 100      |
| 7) 2-Methylnaphthalene      | 12.443 | 142  | 9563     | 0.393 | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.663 | 142  | 9785     | 0.391 | ng/ul  | 100      |
| 10) Acenaphthylene          | 14.340 | 152  | 12979    | 0.390 | ng/ul  | 99       |
| 11) Acenaphthene            | 14.682 | 153  | 10591    | 0.377 | ng/ul  | 100      |
| 12) Fluorene                | 15.672 | 166  | 11653    | 0.358 | ng/ul  | 99       |
| 14) Pentachlorophenol       | 17.027 | 266  | 1103     | 0.335 | ng/ul  | 100      |
| 15) Phenanthrene            | 17.415 | 178  | 17710    | 0.381 | ng/ul  | 99       |
| 16) Anthracene              | 17.508 | 178  | 15103    | 0.386 | ng/ul  | 99       |
| 19) Fluoranthene            | 19.438 | 202  | 16590    | 0.473 | ng/ul  | 100      |
| 20) Pyrene                  | 19.806 | 202  | 16442    | 0.467 | ng/ul  | 99       |
| 21) Benzo(a)anthracene      | 21.559 | 228  | 11398    | 0.398 | ng/ul  | 99       |
| 22) Chrysene                | 21.611 | 228  | 11722    | 0.386 | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 23.277 | 252  | 10949    | 0.355 | ng/ul  | 92       |
| 25) Benzo(k)fluoranthene    | 23.330 | 252  | 10715    | 0.357 | ng/ul  | 95       |
| 26) Benzo(a)pyrene          | 23.927 | 252  | 9476     | 0.385 | ng/ul# | 91       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.615 | 276  | 12225    | 0.399 | ng/ul# | 99       |
| 28) Dibenzo(a,h)anthracene  | 26.639 | 278  | 9639     | 0.394 | ng/ul  | 96       |
| 29) Benzo(g,h,i)perylene    | 27.417 | 276  | 10080    | 0.404 | ng/ul  | 99       |
| -----                       |        |      |          |       |        |          |

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

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