

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN122222\  
 Data File : BN023368.D  
 Acq On : 23 Dec 2022 11:35  
 Operator : CG/JU  
 Sample : SSTDCCC0.4EC  
 Misc :  
 ALS Vial : 38 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD0.4354

Quant Time: Dec 23 13:20:15 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN122122.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Dec 22 02:28:40 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.994  | 152  | 7329     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.810 | 136  | 25032    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.645 | 164  | 15352    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.390 | 188  | 35274    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.584 | 240  | 26443    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 24.033 | 264  | 20636    | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.345  | 96   | 2812     | 0.353 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.399 | 152  | 16130    | 0.417 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.420 | 212  | 38955    | 0.407 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.382  | 88   | 2878     | 0.353 | ng/ul  | 95       |
| 5) Naphthalene              | 10.859 | 128  | 28788    | 0.392 | ng/ul  | 100      |
| 7) 2-Methylnaphthalene      | 12.471 | 142  | 19188    | 0.408 | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.691 | 142  | 19858    | 0.410 | ng/ul  | 99       |
| 10) Acenaphthylene          | 14.363 | 152  | 27975    | 0.411 | ng/ul  | 99       |
| 11) Acenaphthene            | 14.705 | 153  | 22497    | 0.393 | ng/ul  | 99       |
| 12) Fluorene                | 15.691 | 166  | 25729    | 0.399 | ng/ul  | 100      |
| 14) Pentachlorophenol       | 17.040 | 266  | 4542     | 0.464 | ng/ul  | 99       |
| 15) Phenanthrene            | 17.432 | 178  | 43619    | 0.380 | ng/ul  | 100      |
| 16) Anthracene              | 17.525 | 178  | 39259    | 0.412 | ng/ul  | 100      |
| 19) Fluoranthene            | 19.453 | 202  | 52588    | 0.410 | ng/ul  | 98       |
| 20) Pyrene                  | 19.815 | 202  | 53810    | 0.416 | ng/ul  | 97       |
| 21) Benzo(a)anthracene      | 21.566 | 228  | 46223    | 0.449 | ng/ul  | 99       |
| 22) Chrysene                | 21.619 | 228  | 44457    | 0.425 | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 23.282 | 252  | 40206    | 0.377 | ng/ul  | 99       |
| 25) Benzo(k)fluoranthene    | 23.332 | 252  | 37724    | 0.376 | ng/ul  | 99       |
| 26) Benzo(a)pyrene          | 23.922 | 252  | 32904    | 0.389 | ng/ul  | 97       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.594 | 276  | 36561    | 0.371 | ng/ul# | 100      |
| 28) Dibenzo(a,h)anthracene  | 26.614 | 278  | 28828    | 0.377 | ng/ul  | 99       |
| 29) Benzo(g,h,i)perylene    | 27.385 | 276  | 29322    | 0.365 | ng/ul  | 100      |
| -----                       |        |      |          |       |        |          |

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

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