

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN032924\  
 Data File : BN030526.D  
 Acq On : 29 Mar 2024 10:09  
 Operator : MA/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD0.4366

Quant Time: Mar 29 10:53:49 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN032724.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Mar 27 15:11:42 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.704  | 152  | 7934     | 0.400 | ng/u1  | -0.02    |
| 4) Naphthalene-d8           | 10.485 | 136  | 23453    | 0.400 | ng/u1  | -0.02    |
| 9) Acenaphthene-d10         | 14.344 | 164  | 13823    | 0.400 | ng/u1  | -0.02    |
| 13) Phenanthrene-d10        | 17.091 | 188  | 31817    | 0.400 | ng/u1  | -0.02    |
| 17) Chrysene-d12            | 21.286 | 240  | 29549    | 0.400 | ng/u1  | -0.01    |
| 23) Perylene-d12            | 23.528 | 264  | 31131    | 0.400 | ng/u1  | #-0.02   |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.206  | 96   | 3538     | 0.407 | ng/u1  | -0.01    |
| 6) 2-Methylnaphthalene-d10  | 12.080 | 152  | 14588    | 0.413 | ng/u1  | -0.02    |
| 18) Fluoranthene-d10        | 19.123 | 212  | 33874    | 0.371 | ng/u1  | -0.01    |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.240  | 88   | 3516     | 0.399 | ng/u1# | 86       |
| 5) Naphthalene              | 10.534 | 128  | 25903    | 0.405 | ng/u1  | 100      |
| 7) 2-Methylnaphthalene      | 12.157 | 142  | 17290    | 0.410 | ng/u1  | 100      |
| 8) 1-Methylnaphthalene      | 12.377 | 142  | 18230    | 0.408 | ng/u1  | 100      |
| 10) Acenaphthylene          | 14.062 | 152  | 26153    | 0.419 | ng/u1  | 99       |
| 11) Acenaphthene            | 14.409 | 153  | 19565    | 0.403 | ng/u1  | 97       |
| 12) Fluorene                | 15.394 | 166  | 22665    | 0.396 | ng/u1  | 98       |
| 14) Pentachlorophenol       | 16.736 | 266  | 2772     | 0.477 | ng/u1  | 100      |
| 15) Phenanthrene            | 17.133 | 178  | 38336    | 0.402 | ng/u1  | 100      |
| 16) Anthracene              | 17.226 | 178  | 33766    | 0.420 | ng/u1  | 100      |
| 19) Fluoranthene            | 19.155 | 202  | 44533    | 0.365 | ng/u1  | 100      |
| 20) Pyrene                  | 19.518 | 202  | 45494    | 0.379 | ng/u1  | 99       |
| 21) Benzo(a)anthracene      | 21.271 | 228  | 45715    | 0.448 | ng/u1  | 100      |
| 22) Chrysene                | 21.324 | 228  | 45565    | 0.405 | ng/u1  | 100      |
| 24) Benzo(b)fluoranthene    | 22.852 | 252  | 45032    | 0.355 | ng/u1  | 99       |
| 25) Benzo(k)fluoranthene    | 22.899 | 252  | 47394    | 0.355 | ng/u1  | 99       |
| 26) Benzo(a)pyrene          | 23.431 | 252  | 43129    | 0.419 | ng/u1  | 98       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.799 | 276  | 52600    | 0.452 | ng/u1# | 97       |
| 28) Dibenzo(a,h)anthracene  | 25.816 | 278  | 41853    | 0.453 | ng/u1  | 97       |
| 29) Benzo(g,h,i)perylene    | 26.487 | 276  | 42079    | 0.426 | ng/u1  | 98       |
| -----                       |        |      |          |       |        |          |

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

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