

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN042023\  
 Data File : BN025025.D  
 Acq On : 20 Apr 2023 06:33  
 Operator : CG/JU  
 Sample : SSTD1.698  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD1.6213

Quant Time: Apr 20 07:47:42 2023  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN042023.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Apr 20 07:43:17 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.934  | 152  | 6619     | 0.400 | ng/u1  | 0.00     |
| 4) Naphthalene-d8           | 10.737 | 136  | 20824    | 0.400 | ng/u1  | 0.00     |
| 9) Acenaphthene-d10         | 14.575 | 164  | 12280    | 0.400 | ng/u1  | 0.00     |
| 13) Phenanthrene-d10        | 17.321 | 188  | 26402    | 0.400 | ng/u1  | 0.00     |
| 17) Chrysene-d12            | 21.511 | 240  | 25566    | 0.400 | ng/u1  | 0.00     |
| 23) Perylene-d12            | 23.955 | 264  | 18769    | 0.400 | ng/u1  | 0.01     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.305  | 96   | 10252    | 1.418 | ng/u1  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.326 | 152  | 41540    | 1.554 | ng/u1  | 0.00     |
| 18) Fluoranthene-d10        | 19.349 | 212  | 97248    | 1.531 | ng/u1  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.339  | 88   | 11174    | 1.403 | ng/u1  | 88       |
| 5) Naphthalene              | 10.792 | 128  | 79662    | 1.501 | ng/u1  | 99       |
| 7) 2-Methylnaphthalene      | 12.403 | 142  | 50848    | 1.541 | ng/u1  | 100      |
| 8) 1-Methylnaphthalene      | 12.618 | 142  | 53161    | 1.519 | ng/u1  | 100      |
| 10) Acenaphthylene          | 14.292 | 152  | 73576    | 1.598 | ng/u1  | 99       |
| 11) Acenaphthene            | 14.635 | 153  | 58695    | 1.487 | ng/u1  | 99       |
| 12) Fluorene                | 15.620 | 166  | 67790    | 1.533 | ng/u1  | 98       |
| 14) Pentachlorophenol       | 16.971 | 266  | 9271     | 1.647 | ng/u1  | 99       |
| 15) Phenanthrene            | 17.364 | 178  | 111956   | 1.505 | ng/u1  | 99       |
| 16) Anthracene              | 17.457 | 178  | 102044   | 1.650 | ng/u1  | 99       |
| 19) Fluoranthene            | 19.382 | 202  | 134780   | 1.531 | ng/u1  | 99       |
| 20) Pyrene                  | 19.744 | 202  | 138351   | 1.534 | ng/u1  | 99       |
| 21) Benzo(a)anthracene      | 21.497 | 228  | 121230   | 1.502 | ng/u1  | 99       |
| 22) Chrysene                | 21.549 | 228  | 125304   | 1.434 | ng/u1  | 99       |
| 24) Benzo(b)fluoranthene    | 23.209 | 252  | 121618   | 1.615 | ng/u1  | 94       |
| 25) Benzo(k)fluoranthene    | 23.256 | 252  | 117585   | 1.601 | ng/u1  | 94       |
| 26) Benzo(a)pyrene          | 23.847 | 252  | 98951    | 1.585 | ng/u1  | 93       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.500 | 276  | 115809   | 1.572 | ng/u1# | 97       |
| 28) Dibenzo(a,h)anthracene  | 26.521 | 278  | 91988    | 1.590 | ng/u1  | 95       |
| 29) Benzo(g,h,i)perylene    | 27.282 | 276  | 95355    | 1.531 | ng/u1  | 98       |
| -----                       |        |      |          |       |        |          |

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

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