

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN033023\  
 Data File : BN024669.D  
 Acq On : 31 Mar 2023 07:39  
 Operator : CG/JU  
 Sample : PB151685BS  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SLCS685

Quant Time: Mar 31 08:11:15 2023  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN033023.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 31 02:10:21 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.000  | 152  | 7787     | 0.400 | ng/u1  | 0.00     |
| 4) Naphthalene-d8           | 10.812 | 136  | 22783    | 0.400 | ng/u1  | 0.00     |
| 9) Acenaphthene-d10         | 14.638 | 164  | 12698    | 0.400 | ng/u1  | 0.00     |
| 13) Phenanthrene-d10        | 17.384 | 188  | 28455    | 0.400 | ng/u1  | 0.00     |
| 17) Chrysene-d12            | 21.574 | 240  | 23667    | 0.400 | ng/u1  | 0.00     |
| 23) Perylene-d12            | 24.056 | 264  | 21523    | 0.400 | ng/u1  | 0.01     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.372  | 96   | 6168     | 0.772 | ng/u1  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.395 | 152  | 12248    | 0.436 | ng/u1  | 0.00     |
| 18) Fluoranthene-d10        | 19.408 | 212  | 26801    | 0.463 | ng/u1  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.405  | 88   | 17989    | 2.139 | ng/u1  | 92       |
| 5) Naphthalene              | 10.861 | 128  | 26578    | 0.475 | ng/u1  | 99       |
| 7) 2-Methylnaphthalene      | 12.467 | 142  | 16702    | 0.479 | ng/u1  | 100      |
| 8) 1-Methylnaphthalene      | 12.687 | 142  | 17480    | 0.480 | ng/u1  | 100      |
| 10) Acenaphthylene          | 14.356 | 152  | 22147    | 0.493 | ng/u1  | 99       |
| 11) Acenaphthene            | 14.698 | 153  | 18719    | 0.481 | ng/u1  | 99       |
| 12) Fluorene                | 15.683 | 166  | 21037    | 0.473 | ng/u1  | 98       |
| 14) Pentachlorophenol       | 17.029 | 266  | 5318     | 0.864 | ng/u1  | 99       |
| 15) Phenanthrene            | 17.426 | 178  | 35625    | 0.457 | ng/u1  | 100      |
| 16) Anthracene              | 17.514 | 178  | 30511    | 0.468 | ng/u1  | 99       |
| 19) Fluoranthene            | 19.436 | 202  | 40624    | 0.487 | ng/u1  | 98       |
| 20) Pyrene                  | 19.799 | 202  | 41832    | 0.493 | ng/u1  | 96       |
| 21) Benzo(a)anthracene      | 21.556 | 228  | 37292    | 0.524 | ng/u1  | 99       |
| 22) Chrysene                | 21.612 | 228  | 39237    | 0.502 | ng/u1  | 99       |
| 24) Benzo(b)fluoranthene    | 23.296 | 252  | 39650    | 0.443 | ng/u1  | 99       |
| 25) Benzo(k)fluoranthene    | 23.342 | 252  | 38649    | 0.449 | ng/u1  | 99       |
| 26) Benzo(a)pyrene          | 23.948 | 252  | 33713    | 0.479 | ng/u1  | 99       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.649 | 276  | 38705    | 0.462 | ng/u1# | 99       |
| 28) Dibenzo(a,h)anthracene  | 26.669 | 278  | 30451    | 0.454 | ng/u1  | 98       |
| 29) Benzo(g,h,i)perylene    | 27.451 | 276  | 32173    | 0.446 | ng/u1  | 99       |
| -----                       |        |      |          |       |        |          |

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

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