

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN071223\  
 Data File : BN026487.D  
 Acq On : 13 Jul 2023 11:26  
 Operator : MA/JU  
 Sample : 03414-20MS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A4634MS

Quant Time: Jul 13 17:03:54 2023  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN071223.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 13 16:59:14 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|--------|--------|----------|
| -----                       |        |      |          |        |        |          |
| Internal Standards          |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.989  | 152  | 3124     | 0.400  | ng/ul  | -0.03    |
| 4) Naphthalene-d8           | 10.792 | 136  | 9783     | 0.400  | ng/ul  | #-0.02   |
| 9) Acenaphthene-d10         | 14.616 | 164  | 6601     | 0.400  | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.359 | 188  | 20437    | 0.400  | ng/ul  | #-0.01   |
| 17) Chrysene-d12            | 21.546 | 240  | 8723     | 0.400  | ng/ul  | #-0.02   |
| 23) Perylene-d12            | 23.981 | 264  | 11361    | 0.400  | ng/ul  | -0.02    |
| System Monitoring Compounds |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8           | 3.339  | 96   | 928      | 0.226  | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.376 | 152  | 2521     | 0.190  | ng/ul  | -0.02    |
| 18) Fluoranthene-d10        | 19.387 | 212  | 5466     | 0.181  | ng/ul  | -0.01    |
| Target Compounds            |        |      |          |        |        |          |
|                             |        |      |          |        |        | Qvalue   |
| 2) 1,4-Dioxane              | 3.373  | 88   | 2052     | 0.527  | ng/ul# | 54       |
| 5) Naphthalene              | 10.842 | 128  | 612441   | 22.798 | ng/ul  | 97       |
| 7) 2-Methylnaphthalene      | 12.447 | 142  | 128668   | 8.441  | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.667 | 142  | 82219    | 5.036  | ng/ul  | 99       |
| 10) Acenaphthylene          | 14.339 | 152  | 46008    | 1.423  | ng/ul# | 96       |
| 11) Acenaphthene            | 14.677 | 153  | 152089   | 6.176  | ng/ul  | 98       |
| 12) Fluorene                | 15.662 | 166  | 176006   | 6.813  | ng/ul  | 98       |
| 14) Pentachlorophenol       | 17.022 | 266  | 829      | 0.161  | ng/ul  | 95       |
| 15) Phenanthrene            | 17.402 | 178  | 2832868  | 43.524 | ng/ul  | 97       |
| 16) Anthracene              | 17.490 | 178  | 411794   | 7.291  | ng/ul  | 95       |
| 19) Fluoranthene            | 19.419 | 202  | 2574514  | 62.965 | ng/ul  | 97       |
| 20) Pyrene                  | 19.782 | 202  | 2164520  | 48.745 | ng/ul  | 98       |
| 21) Benzo(a)anthracene      | 21.529 | 228  | 849274   | 26.494 | ng/ul  | 98       |
| 22) Chrysene                | 21.584 | 228  | 878318   | 24.071 | ng/ul  | 97       |
| 24) Benzo(b)fluoranthene    | 23.242 | 252  | 1273524  | 28.773 | ng/ul  | 80       |
| 26) Benzo(a)pyrene          | 23.873 | 252  | 537851   | 13.652 | ng/ul# | 70       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.524 | 276  | 386041   | 7.475  | ng/ul# | 79       |
| 28) Dibenzo(a,h)anthracene  | 26.655 | 278  | 33547    | 0.846  | ng/ul  | 92       |
| 29) Benzo(g,h,i)perylene    | 27.309 | 276  | 39905    | 0.875  | ng/ul# | 92       |
| -----                       |        |      |          |        |        |          |

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

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