

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN030923\  
 Data File : BN024164.D  
 Acq On : 08 Mar 2023 12:31  
 Operator : CG/JU  
 Sample : SSTD0.176  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD0.1237

Quant Time: Mar 09 00:49:44 2023  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN030923.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 09 00:47:00 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|--------|--------|----------|
| -----                       |        |      |          |        |        |          |
| Internal Standards          |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.055  | 152  | 7926     | 0.400  | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.872 | 136  | 22533    | 0.400  | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.689 | 164  | 11687    | 0.400  | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.434 | 188  | 24252    | 0.400  | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.630 | 240  | 19028    | 0.400  | ng/ul  | 0.00     |
| 23) Perylene-d12            | 24.132 | 264  | 17771    | 0.400  | ng/ul  | 0.00     |
|                             |        |      |          |        |        |          |
| System Monitoring Compounds |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8           | 0.000  | 96   | 0d       | 0.000  | ng/ul  |          |
| 6) 2-Methylnaphthalene-d10  | 12.456 | 152  | 2738     | 0.078  | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.459 | 212  | 4916     | 0.096  | ng/ul  | 0.00     |
|                             |        |      |          |        |        |          |
| Target Compounds            |        |      |          | Qvalue |        |          |
| 5) Naphthalene              | 10.922 | 128  | 5760     | 0.093  | ng/ul  | 96       |
| 7) 2-Methylnaphthalene      | 12.528 | 142  | 3473     | 0.087  | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.748 | 142  | 3644     | 0.089  | ng/ul  | 100      |
| 10) Acenaphthylene          | 14.411 | 152  | 4856     | 0.109  | ng/ul  | 98       |
| 11) Acenaphthene            | 14.754 | 153  | 3811     | 0.097  | ng/ul  | 100      |
| 12) Fluorene                | 15.739 | 166  | 4140     | 0.087  | ng/ul  | 97       |
| 15) Phenanthrene            | 17.477 | 178  | 7006     | 0.097  | ng/ul  | 98       |
| 16) Anthracene              | 17.569 | 178  | 5938     | 0.098  | ng/ul  | 97       |
| 19) Fluoranthene            | 19.487 | 202  | 7236     | 0.114  | ng/ul  | 95       |
| 20) Pyrene                  | 19.850 | 202  | 7592     | 0.116  | ng/ul  | 94       |
| 21) Benzo(a)anthracene      | 21.612 | 228  | 6555     | 0.101  | ng/ul  | 99       |
| 22) Chrysene                | 21.668 | 228  | 6761     | 0.099  | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 23.366 | 252  | 6557     | 0.084  | ng/ul  | 82       |
| 25) Benzo(k)fluoranthene    | 23.416 | 252  | 6672     | 0.087  | ng/ul# | 82       |
| 26) Benzo(a)pyrene          | 24.021 | 252  | 5928     | 0.091  | ng/ul# | 75       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.750 | 276  | 6693     | 0.073  | ng/ul# | 100      |
| 28) Dibenzo(a,h)anthracene  | 26.770 | 278  | 5073     | 0.069  | ng/ul# | 82       |
| 29) Benzo(g,h,i)perylene    | 27.555 | 276  | 5889     | 0.078  | ng/ul  | 92       |
| -----                       |        |      |          |        |        |          |

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

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