

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN070223\  
 Data File : BN026226.D  
 Acq On : 03 Jul 2023 14:59  
 Operator : MA/JU  
 Sample : 03246-09  
 Misc :  
 ALS Vial : 83 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DCGJ6

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 07/04/2023  
 Supervised By :Sohil Jodhani 07/04/2023

Quant Time: Jul 03 23:22:17 2023  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN062223.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Jul 01 01:46:24 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|--------|--------|----------|
| -----                       |        |      |          |        |        |          |
| Internal Standards          |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.951  | 152  | 9729     | 0.400  | ng/ul  | -0.01    |
| 4) Naphthalene-d8           | 10.765 | 136  | 30295    | 0.400  | ng/ul  | #-0.01   |
| 9) Acenaphthene-d10         | 14.598 | 164  | 19229    | 0.400  | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.347 | 188  | 35526    | 0.400  | ng/ul  | # 0.00   |
| 17) Chrysene-d12            | 21.543 | 240  | 21577    | 0.400  | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 24.011 | 264  | 24352    | 0.400  | ng/ul  | # 0.02   |
|                             |        |      |          |        |        |          |
| System Monitoring Compounds |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8           | 3.318  | 96   | 26518    | 2.420  | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.354 | 152  | 8118     | 0.174  | ng/ul  | -0.01    |
| 18) Fluoranthene-d10        | 19.377 | 212  | 15109    | 0.184  | ng/ul  | 0.00     |
|                             |        |      |          |        |        |          |
| Target Compounds            |        |      |          |        |        |          |
|                             |        |      |          |        | Qvalue |          |
| 5) Naphthalene              | 10.814 | 128  | 108058   | 1.245  | ng/ul  | 100      |
| 7) 2-Methylnaphthalene      | 12.425 | 142  | 91191    | 1.649  | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.640 | 142  | 64989    | 1.134  | ng/ul  | 100      |
| 10) Acenaphthylene          | 14.316 | 152  | 171921   | 1.909  | ng/ul  | 99       |
| 11) Acenaphthene            | 14.658 | 153  | 151965   | 2.063  | ng/ul  | 98       |
| 12) Fluorene                | 15.643 | 166  | 166634   | 1.973  | ng/ul  | 99       |
| 15) Phenanthrene            | 17.389 | 178  | 2496949  | 21.279 | ng/ul  | 100      |
| 16) Anthracene              | 17.478 | 178  | 509284   | 4.883  | ng/ul  | 100      |
| 19) Fluoranthene            | 19.410 | 202  | 3321546  | 28.821 | ng/ul  | 95       |
| 20) Pyrene                  | 19.772 | 202  | 2606439  | 21.744 | ng/ul  | 95       |
| 21) Benzo(a)anthracene      | 21.526 | 228  | 1278852  | 14.367 | ng/ul  | 97       |
| 22) Chrysene                | 21.581 | 228  | 1258823  | 13.591 | ng/ul  | 97       |
| 24) Benzo(b)fluoranthene    | 23.259 | 252  | 1730060m | 16.645 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 23.300 | 252  | 649198m  | 6.220  | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.902 | 252  | 1149060  | 12.729 | ng/ul# | 81       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.578 | 276  | 888124   | 9.007  | ng/ul# | 83       |
| 28) Dibenzo(a,h)anthracene  | 26.581 | 278  | 223405   | 2.994  | ng/ul  | 94       |
| 29) Benzo(g,h,i)perylene    | 27.383 | 276  | 792313   | 9.033  | ng/ul# | 92       |
| -----                       |        |      |          |        |        |          |

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

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