

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN062423\  
 Data File : BN025981.D  
 Acq On : 23 Jun 2023 23:16  
 Operator : MA/JU  
 Sample : 03085-02  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DCFN8

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 06/24/2023  
 Supervised By :mohammad ahmed 06/25/2023

Quant Time: Jun 24 01:02:04 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 : Thu Jun 22 01:27:41 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.976  | 152  | 7729     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.792 | 136  | 24445    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.617 | 164  | 15430    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.360 | 188  | 33332    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.547 | 240  | 20192    | 0.400 | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 24.012 | 264  | 18115    | 0.400 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.331  | 96   | 30804    | 3.539 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.376 | 152  | 10258    | 0.273 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.388 | 212  | 24375    | 0.317 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.842 | 128  | 2231     | 0.032 | ng/ul# | 85       |
| 7) 2-Methylnaphthalene      | 12.448 | 142  | 1257     | 0.028 | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.668 | 142  | 940      | 0.020 | ng/ul  | 98       |
| 10) Acenaphthylene          | 14.335 | 152  | 4597     | 0.064 | ng/ul# | 89       |
| 15) Phenanthrene            | 17.403 | 178  | 21206    | 0.193 | ng/ul  | 98       |
| 16) Anthracene              | 17.496 | 178  | 3716     | 0.038 | ng/ul# | 85       |
| 19) Fluoranthene            | 19.415 | 202  | 68128    | 0.632 | ng/ul  | 96       |
| 20) Pyrene                  | 19.778 | 202  | 55499m   | 0.495 | ng/ul  |          |
| 21) Benzo(a)anthracene      | 21.530 | 228  | 27180    | 0.326 | ng/ul# | 92       |
| 22) Chrysene                | 21.582 | 228  | 36657    | 0.423 | ng/ul# | 91       |
| 24) Benzo(b)fluoranthene    | 23.263 | 252  | 47868m   | 0.619 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 23.301 | 252  | 15659m   | 0.202 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.912 | 252  | 25194    | 0.375 | ng/ul# | 93       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.595 | 276  | 24618    | 0.336 | ng/ul# | 87       |
| 28) Dibenzo(a,h)anthracene  | 26.612 | 278  | 5579     | 0.100 | ng/ul# | 48       |
| 29) Benzo(g,h,i)perylene    | 27.400 | 276  | 24182    | 0.371 | ng/ul  | 93       |
| -----                       |        |      |          |       |        |          |

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

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