

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN070523\  
 Data File : BN026320.D  
 Acq On : 06 Jul 2023 08:50  
 Operator : MA/JU  
 Sample : 03248-19  
 Misc :  
 ALS Vial : 39 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DCGK2

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 07/06/2023  
 Supervised By :Sohil Jodhani 07/06/2023

Quant Time: Jul 06 09:31:55 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 : Wed Jul 05 00:03:30 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.938  | 152  | 6737     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.748 | 136  | 18868    | 0.400 | ng/ul  | -0.01    |
| 9) Acenaphthene-d10         | 14.579 | 164  | 13289    | 0.400 | ng/ul  | -0.01    |
| 13) Phenanthrene-d10        | 17.330 | 188  | 26972    | 0.400 | ng/ul  | -0.01    |
| 17) Chrysene-d12            | 21.529 | 240  | 15265    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.984 | 264  | 16979    | 0.400 | ng/ul  | -0.01    |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.306  | 96   | 12261    | 1.616 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.338 | 152  | 3972     | 0.137 | ng/ul  | -0.01    |
| 18) Fluoranthene-d10        | 19.363 | 212  | 7400     | 0.127 | ng/ul  | -0.01    |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.798 | 128  | 2255     | 0.042 | ng/ul# | 87       |
| 7) 2-Methylnaphthalene      | 12.415 | 142  | 1565     | 0.045 | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.629 | 142  | 923      | 0.026 | ng/ul  | 97       |
| 10) Acenaphthylene          | 14.302 | 152  | 2545     | 0.041 | ng/ul# | 85       |
| 15) Phenanthrene            | 17.372 | 178  | 16522    | 0.185 | ng/ul  | 97       |
| 16) Anthracene              | 17.465 | 178  | 2933     | 0.037 | ng/ul# | 84       |
| 19) Fluoranthene            | 19.391 | 202  | 43842    | 0.538 | ng/ul  | 99       |
| 20) Pyrene                  | 19.754 | 202  | 37074    | 0.437 | ng/ul  | 95       |
| 21) Benzo(a)anthracene      | 21.511 | 228  | 19584    | 0.311 | ng/ul# | 93       |
| 22) Chrysene                | 21.567 | 228  | 27495    | 0.420 | ng/ul# | 95       |
| 24) Benzo(b)fluoranthene    | 23.233 | 252  | 43696m   | 0.603 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 23.277 | 252  | 12880m   | 0.177 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.873 | 252  | 24430    | 0.388 | ng/ul  | 97       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.541 | 276  | 21251    | 0.309 | ng/ul# | 87       |
| 28) Dibenzo(a,h)anthracene  | 26.541 | 278  | 5123     | 0.098 | ng/ul# | 51       |
| 29) Benzo(g,h,i)perylene    | 27.336 | 276  | 21751    | 0.356 | ng/ul  | 97       |
| -----                       |        |      |          |       |        |          |

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

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