

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN070223\  
 Data File : BN026153.D  
 Acq On : 01 Jul 2023 16:02  
 Operator : MA/JU  
 Sample : 03239-03DL 5X  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DCFY1DL

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 07/02/2023  
 Supervised By :Sohil Jodhani 07/02/2023

Quant Time: Jul 01 22:35:28 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   | 7.959  | 152  | 8766     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.770 | 136  | 28545    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.598 | 164  | 16600    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.347 | 188  | 32279    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.529 | 240  | 18101    | 0.400 | ng/ul  | -0.01    |
| 23) Perylene-d12            | 23.981 | 264  | 18015    | 0.400 | ng/ul  | -0.01    |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.322  | 96   | 4927     | 0.499 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.360 | 152  | 1540     | 0.035 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.373 | 212  | 2804     | 0.041 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.820 | 128  | 3310     | 0.040 | ng/ul# | 90       |
| 7) 2-Methylnaphthalene      | 12.437 | 142  | 2220     | 0.043 | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.651 | 142  | 1670     | 0.031 | ng/ul  | 99       |
| 10) Acenaphthylene          | 14.320 | 152  | 5837     | 0.075 | ng/ul# | 94       |
| 15) Phenanthrene            | 17.389 | 178  | 46295    | 0.434 | ng/ul  | 100      |
| 16) Anthracene              | 17.478 | 178  | 19159    | 0.202 | ng/ul  | 97       |
| 19) Fluoranthene            | 19.405 | 202  | 460442   | 4.762 | ng/ul  | 96       |
| 20) Pyrene                  | 19.768 | 202  | 365112   | 3.631 | ng/ul  | 95       |
| 21) Benzo(a)anthracene      | 21.511 | 228  | 218581   | 2.927 | ng/ul  | 99       |
| 22) Chrysene                | 21.564 | 228  | 190786   | 2.455 | ng/ul  | 97       |
| 24) Benzo(b)fluoranthene    | 23.230 | 252  | 284247m  | 3.697 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 23.277 | 252  | 87027m   | 1.127 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.870 | 252  | 133673   | 2.002 | ng/ul# | 86       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.534 | 276  | 103840   | 1.424 | ng/ul# | 87       |
| 28) Dibenzo(a,h)anthracene  | 26.544 | 278  | 26693    | 0.484 | ng/ul  | 99       |
| 29) Benzo(g,h,i)perylene    | 27.329 | 276  | 13754    | 0.212 | ng/ul# | 89       |

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

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