

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN070223\  
 Data File : BN026156.D  
 Acq On : 01 Jul 2023 17:52  
 Operator : MA/JU  
 Sample : 03239-06DL 5X  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DCFY4DL

Manual Integrations  
 APPROVED

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

Quant Time: Jul 01 22:35:58 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  | 9884     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.769 | 136  | 32438    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.597 | 164  | 18069    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.346 | 188  | 33531    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.534 | 240  | 17763    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 24.004 | 264  | 19095    | 0.400 | ng/ul  | 0.01     |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.322  | 96   | 3393     | 0.305 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.364 | 152  | 1033     | 0.021 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.372 | 212  | 1706     | 0.025 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.818 | 128  | 8677     | 0.093 | ng/ul  | 96       |
| 7) 2-Methylnaphthalene      | 12.435 | 142  | 2794     | 0.047 | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.655 | 142  | 1848     | 0.030 | ng/ul  | 99       |
| 10) Acenaphthylene          | 14.320 | 152  | 10972    | 0.130 | ng/ul  | 97       |
| 11) Acenaphthene            | 14.662 | 153  | 4405     | 0.064 | ng/ul  | 99       |
| 12) Fluorene                | 15.648 | 166  | 4429     | 0.056 | ng/ul# | 98       |
| 15) Phenanthrene            | 17.389 | 178  | 77422    | 0.699 | ng/ul  | 99       |
| 16) Anthracene              | 17.481 | 178  | 21070    | 0.214 | ng/ul  | 97       |
| 19) Fluoranthene            | 19.404 | 202  | 183497   | 1.934 | ng/ul  | 97       |
| 20) Pyrene                  | 19.767 | 202  | 109747m  | 1.112 | ng/ul  |          |
| 21) Benzo(a)anthracene      | 21.516 | 228  | 76191    | 1.040 | ng/ul  | 98       |
| 22) Chrysene                | 21.575 | 228  | 79863    | 1.047 | ng/ul  | 98       |
| 24) Benzo(b)fluoranthene    | 23.247 | 252  | 121105m  | 1.486 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 23.290 | 252  | 47232m   | 0.577 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.884 | 252  | 37885    | 0.535 | ng/ul  | 96       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.567 | 276  | 40907    | 0.529 | ng/ul# | 89       |
| 28) Dibenzo(a,h)anthracene  | 26.577 | 278  | 15295    | 0.261 | ng/ul  | 92       |
| 29) Benzo(g,h,i)perylene    | 27.361 | 276  | 2640     | 0.038 | ng/ul# | 47       |
| -----                       |        |      |          |       |        |          |

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

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