

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN062223\  
 Data File : BN025940.D  
 Acq On : 22 Jun 2023 16:46  
 Operator : MA/JU  
 Sample : 03083-16  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DCFL4

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 06/23/2023  
 Supervised By :mohammad ahmed 06/23/2023

Quant Time: Jun 23 01:03:48 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   | 7.980  | 152  | 7583     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.792 | 136  | 23762    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.621 | 164  | 15380    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.364 | 188  | 32897    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.546 | 240  | 21438    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 24.008 | 264  | 18048    | 0.400 | ng/ul  | -0.01    |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.331  | 96   | 26881    | 3.148 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.381 | 152  | 9350     | 0.256 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.387 | 212  | 22252    | 0.273 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       |        | Qvalue   |
| 5) Naphthalene              | 10.842 | 128  | 53924    | 0.792 | ng/ul  | 100      |
| 7) 2-Methylnaphthalene      | 12.453 | 142  | 30448    | 0.702 | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.667 | 142  | 18769    | 0.418 | ng/ul  | 100      |
| 10) Acenaphthylene          | 14.339 | 152  | 65816    | 0.914 | ng/ul  | 99       |
| 11) Acenaphthene            | 14.681 | 153  | 8628     | 0.146 | ng/ul  | 98       |
| 12) Fluorene                | 15.667 | 166  | 8334     | 0.123 | ng/ul# | 96       |
| 14) Pentachlorophenol       | 17.013 | 266  | 251      | 0.021 | ng/ul  | 90       |
| 15) Phenanthrene            | 17.402 | 178  | 277884   | 2.557 | ng/ul  | 99       |
| 16) Anthracene              | 17.495 | 178  | 54186    | 0.561 | ng/ul  | 98       |
| 19) Fluoranthene            | 19.419 | 202  | 791815   | 6.915 | ng/ul  | 97       |
| 20) Pyrene                  | 19.782 | 202  | 644226   | 5.409 | ng/ul  | 96       |
| 21) Benzo(a)anthracene      | 21.529 | 228  | 326815   | 3.695 | ng/ul  | 97       |
| 22) Chrysene                | 21.584 | 228  | 385506   | 4.189 | ng/ul  | 97       |
| 24) Benzo(b)fluoranthene    | 23.253 | 252  | 512118m  | 6.648 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 23.300 | 252  | 140264m  | 1.813 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.897 | 252  | 279985   | 4.185 | ng/ul# | 84       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.567 | 276  | 212939   | 2.914 | ng/ul# | 87       |
| 28) Dibenzo(a,h)anthracene  | 26.574 | 278  | 51738    | 0.935 | ng/ul  | 97       |
| 29) Benzo(g,h,i)perylene    | 27.362 | 276  | 201006   | 3.092 | ng/ul  | 96       |
| -----                       |        |      |          |       |        |          |

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

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