

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN062923\  
 Data File : BN026095.D  
 Acq On : 29 Jun 2023 15:26  
 Operator : MA/JU  
 Sample : 03142-07DL 5X  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DCFS6DL

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 06/30/2023  
 Supervised By :mohammad ahmed 06/30/2023

Quant Time: Jun 30 00:44:06 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 Jun 28 22:47:20 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.968  | 152  | 7983     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.781 | 136  | 26857    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.608 | 164  | 15913    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.352 | 188  | 31764    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.541 | 240  | 17654    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 24.006 | 264  | 16294    | 0.400 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.327  | 96   | 4058     | 0.451 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.371 | 152  | 1171     | 0.028 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.378 | 212  | 2140     | 0.032 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.831 | 128  | 2384     | 0.031 | ng/ul# | 87       |
| 7) 2-Methylnaphthalene      | 12.442 | 142  | 1337     | 0.027 | ng/ul  | 100      |
| 10) Acenaphthylene          | 14.331 | 152  | 2343     | 0.031 | ng/ul# | 87       |
| 11) Acenaphthene            | 14.668 | 153  | 1298     | 0.021 | ng/ul  | 95       |
| 15) Phenanthrene            | 17.394 | 178  | 30249    | 0.288 | ng/ul  | 100      |
| 16) Anthracene              | 17.483 | 178  | 4421     | 0.047 | ng/ul# | 88       |
| 19) Fluoranthene            | 19.411 | 202  | 78634    | 0.834 | ng/ul  | 98       |
| 20) Pyrene                  | 19.773 | 202  | 63383    | 0.646 | ng/ul  | 96       |
| 21) Benzo(a)anthracene      | 21.524 | 228  | 24978    | 0.343 | ng/ul  | 96       |
| 22) Chrysene                | 21.577 | 228  | 32225    | 0.425 | ng/ul# | 95       |
| 24) Benzo(b)fluoranthene    | 23.251 | 252  | 47899m   | 0.689 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 23.298 | 252  | 14797m   | 0.212 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.889 | 252  | 26750    | 0.443 | ng/ul  | 98       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.568 | 276  | 22925    | 0.347 | ng/ul# | 85       |
| 28) Dibenzo(a,h)anthracene  | 26.575 | 278  | 4970     | 0.100 | ng/ul# | 56       |
| 29) Benzo(g,h,i)perylene    | 27.370 | 276  | 22370    | 0.381 | ng/ul  | 98       |
| -----                       |        |      |          |       |        |          |

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

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