

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN062923\  
 Data File : BN026107.D  
 Acq On : 29 Jun 2023 22:47  
 Operator : MA/JU  
 Sample : 03143-20  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DCFV7

Manual Integrations  
 APPROVED

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

Quant Time: Jun 30 00:46:12 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   | 7.963  | 152  | 8667     | 0.400 | ng/ul  | -0.01    |
| 4) Naphthalene-d8           | 10.776 | 136  | 28891    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.602 | 164  | 17053    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.351 | 188  | 32601    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.535 | 240  | 17235    | 0.400 | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 23.984 | 264  | 17408    | 0.400 | ng/ul  | -0.03    |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.326  | 96   | 19007    | 1.947 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.365 | 152  | 5891     | 0.133 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.377 | 212  | 10088    | 0.154 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       |        | Qvalue   |
| 5) Naphthalene              | 10.825 | 128  | 10864    | 0.131 | ng/ul  | 97       |
| 7) 2-Methylnaphthalene      | 12.436 | 142  | 6409     | 0.122 | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.656 | 142  | 4994     | 0.091 | ng/ul  | 100      |
| 10) Acenaphthylene          | 14.325 | 152  | 15671    | 0.196 | ng/ul  | 97       |
| 11) Acenaphthene            | 14.667 | 153  | 7129     | 0.109 | ng/ul  | 98       |
| 12) Fluorene                | 15.653 | 166  | 6419     | 0.086 | ng/ul# | 99       |
| 15) Phenanthrene            | 17.393 | 178  | 181020   | 1.681 | ng/ul  | 99       |
| 16) Anthracene              | 17.482 | 178  | 29973    | 0.313 | ng/ul  | 98       |
| 19) Fluoranthene            | 19.405 | 202  | 458987   | 4.986 | ng/ul  | 99       |
| 20) Pyrene                  | 19.768 | 202  | 361564   | 3.776 | ng/ul  | 98       |
| 21) Benzo(a)anthracene      | 21.517 | 228  | 156515   | 2.201 | ng/ul  | 97       |
| 22) Chrysene                | 21.573 | 228  | 181758   | 2.457 | ng/ul  | 97       |
| 24) Benzo(b)fluoranthene    | 23.239 | 252  | 272229m  | 3.664 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 23.282 | 252  | 96187m   | 1.289 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.876 | 252  | 172313   | 2.670 | ng/ul# | 86       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.541 | 276  | 145359   | 2.062 | ng/ul# | 90       |
| 28) Dibenzo(a,h)anthracene  | 26.551 | 278  | 33570    | 0.629 | ng/ul  | 97       |
| 29) Benzo(g,h,i)perylene    | 27.335 | 276  | 137404   | 2.191 | ng/ul  | 95       |
| -----                       |        |      |          |       |        |          |

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

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