

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN062223\  
 Data File : BN025937.D  
 Acq On : 22 Jun 2023 14:58  
 Operator : MA/JU  
 Sample : 03083-03DL 5X  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DCFK1DL

Manual Integrations  
 APPROVED

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

Quant Time: Jun 23 01:03:18 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  | 7674     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.792 | 136  | 24522    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.616 | 164  | 14792    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.364 | 188  | 31943    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.552 | 240  | 21333    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 24.013 | 264  | 17161    | 0.400 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.335  | 96   | 2210     | 0.256 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.381 | 152  | 693      | 0.018 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.391 | 212  | 1670     | 0.021 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.841 | 128  | 10638    | 0.151 | ng/ul  | 97       |
| 7) 2-Methylnaphthalene      | 12.453 | 142  | 5838     | 0.130 | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.673 | 142  | 4553     | 0.098 | ng/ul  | 100      |
| 10) Acenaphthylene          | 14.339 | 152  | 12808    | 0.185 | ng/ul  | 98       |
| 12) Fluorene                | 15.666 | 166  | 1459     | 0.022 | ng/ul# | 87       |
| 15) Phenanthrene            | 17.406 | 178  | 42639    | 0.404 | ng/ul  | 100      |
| 16) Anthracene              | 17.494 | 178  | 5761     | 0.061 | ng/ul# | 92       |
| 19) Fluoranthene            | 19.419 | 202  | 104272   | 0.915 | ng/ul  | 98       |
| 20) Pyrene                  | 19.781 | 202  | 59003    | 0.498 | ng/ul  | 98       |
| 21) Benzo(a)anthracene      | 21.534 | 228  | 44291    | 0.503 | ng/ul  | 94       |
| 22) Chrysene                | 21.590 | 228  | 50702    | 0.554 | ng/ul# | 94       |
| 24) Benzo(b)fluoranthene    | 23.262 | 252  | 64987m   | 0.887 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 23.308 | 252  | 21976m   | 0.299 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.905 | 252  | 15562    | 0.245 | ng/ul# | 80       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.577 | 276  | 17729    | 0.255 | ng/ul# | 94       |
| 28) Dibenzo(a,h)anthracene  | 26.580 | 278  | 7156     | 0.136 | ng/ul# | 63       |
| -----                       |        |      |          |       |        |          |

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

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