

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN082123\  
 Data File : BN026996.D  
 Acq On : 21 Aug 2023 17:09  
 Operator : MA/JU  
 Sample : 03967-09  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A48L7

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 08/22/2023  
 Supervised By :mohammad ahmed 08/22/2023

Quant Time: Aug 22 01:39:21 2023  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN080323.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 18 13:11:26 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.101  | 152  | 7529     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.927 | 136  | 24197    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.731 | 164  | 14326    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.472 | 188  | 32545    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.647 | 240  | 26075    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 24.190 | 264  | 25990    | 0.400 | ng/ul  | # 0.00   |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.443  | 96   | 31584    | 3.534 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.500 | 152  | 5868     | 0.165 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.487 | 212  | 15331    | 0.186 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       |        | Qvalue   |
| 5) Naphthalene              | 10.982 | 128  | 3215     | 0.047 | ng/ul# | 90       |
| 7) 2-Methylnaphthalene      | 12.577 | 142  | 992      | 0.024 | ng/ul  | 99       |
| 10) Acenaphthylene          | 14.458 | 152  | 6046     | 0.075 | ng/ul  | 96       |
| 11) Acenaphthene            | 14.791 | 153  | 1139     | 0.021 | ng/ul  | 96       |
| 12) Fluorene                | 15.772 | 166  | 1922     | 0.031 | ng/ul# | 96       |
| 15) Phenanthrene            | 17.515 | 178  | 33195    | 0.310 | ng/ul  | 99       |
| 16) Anthracene              | 17.608 | 178  | 8277     | 0.086 | ng/ul  | 96       |
| 19) Fluoranthene            | 19.520 | 202  | 89217    | 0.824 | ng/ul  | 98       |
| 20) Pyrene                  | 19.887 | 202  | 85442m   | 0.739 | ng/ul  |          |
| 21) Benzo(a)anthracene      | 21.630 | 228  | 45495    | 0.439 | ng/ul  | 99       |
| 22) Chrysene                | 21.685 | 228  | 49485m   | 0.483 | ng/ul  |          |
| 24) Benzo(b)fluoranthene    | 23.401 | 252  | 68108m   | 0.693 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 23.451 | 252  | 27614m   | 0.285 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 24.073 | 252  | 46359    | 0.523 | ng/ul  | 97       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.874 | 276  | 28897    | 0.249 | ng/ul# | 93       |
| 28) Dibenzo(a,h)anthracene  | 26.894 | 278  | 6313     | 0.068 | ng/ul# | 68       |
| 29) Benzo(g,h,i)perylene    | 27.716 | 276  | 28737    | 0.297 | ng/ul  | 97       |
| -----                       |        |      |          |       |        |          |

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

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