

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN030224\  
 Data File : BN030256.D  
 Acq On : 04 Mar 2024 14:37  
 Operator : MA/JU  
 Sample : P1512-02  
 Misc :  
 ALS Vial : 79 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 EOS93

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 03/05/2024  
 Supervised By :mohammad ahmed 03/05/2024

Quant Time: Mar 04 15:32:49 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN030224.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Mar 04 05:54:20 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.830  | 152  | 1674     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.622 | 136  | 4433     | 0.400 | ng/ul  | # 0.00   |
| 9) Acenaphthene-d10         | 14.473 | 164  | 2140     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.229 | 188  | 4456     | 0.400 | ng/ul  | # 0.00   |
| 17) Chrysene-d12            | 21.445 | 240  | 4053     | 0.400 | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 23.792 | 264  | 4085m    | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.302  | 96   | 13349    | 5.760 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.222 | 152  | 2165     | 0.378 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.266 | 212  | 4630     | 0.351 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       |        | Qvalue   |
| 5) Naphthalene              | 10.671 | 128  | 1813     | 0.139 | ng/ul  | 96       |
| 7) 2-Methylnaphthalene      | 12.293 | 142  | 377      | 0.053 | ng/ul  | 97       |
| 8) 1-Methylnaphthalene      | 12.519 | 142  | 206      | 0.027 | ng/ul  | 96       |
| 10) Acenaphthylene          | 14.191 | 152  | 713      | 0.060 | ng/ul# | 79       |
| 11) Acenaphthene            | 14.538 | 153  | 293      | 0.033 | ng/ul  | 94       |
| 12) Fluorene                | 15.523 | 166  | 582      | 0.065 | ng/ul# | 96       |
| 15) Phenanthrene            | 17.267 | 178  | 3472     | 0.232 | ng/ul  | 99       |
| 16) Anthracene              | 17.360 | 178  | 958      | 0.073 | ng/ul# | 91       |
| 19) Fluoranthene            | 19.299 | 202  | 7237     | 0.402 | ng/ul  | 97       |
| 20) Pyrene                  | 19.661 | 202  | 6791m    | 0.347 | ng/ul  |          |
| 21) Benzo(a)anthracene      | 21.427 | 228  | 3482     | 0.243 | ng/ul  | 92       |
| 22) Chrysene                | 21.480 | 228  | 3581     | 0.208 | ng/ul# | 94       |
| 24) Benzo(b)fluoranthene    | 23.081 | 252  | 5703m    | 0.362 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 23.125 | 252  | 2469m    | 0.133 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.686 | 252  | 4462     | 0.278 | ng/ul  | 94       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.222 | 276  | 3358     | 0.164 | ng/ul# | 90       |
| 28) Dibenzo(a,h)anthracene  | 26.249 | 278  | 885      | 0.056 | ng/ul# | 28       |
| 29) Benzo(g,h,i)perylene    | 26.964 | 276  | 3694     | 0.194 | ng/ul  | 97       |
| -----                       |        |      |          |       |        |          |

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

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