

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN062824\  
 Data File : BN032330.D  
 Acq On : 29 Jun 2024 01:27  
 Operator : MA/JU  
 Sample : P2934-11  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A4CP7

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 06/29/2024  
 Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jun 29 02:58:55 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN062724.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Jun 27 13:23:38 2024

Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.612  | 152  | 7047     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.387 | 136  | 21061    | 0.400 | ng/ul  | -0.01    |
| 9) Acenaphthene-d10         | 14.258 | 164  | 12311    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.012 | 188  | 25769m   | 0.400 | ng/ul  | -0.01    |
| 17) Chrysene-d12            | 21.211 | 240  | 22803m   | 0.400 | ng/ul  | -0.01    |
| 23) Perylene-d12            | 23.427 | 264  | 24584m   | 0.400 | ng/ul  | -0.03    |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.152  | 96   | 27250    | 3.479 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.988 | 152  | 6828     | 0.216 | ng/ul  | -0.01    |
| 18) Fluoranthene-d10        | 19.045 | 212  | 15768m   | 0.230 | ng/ul  | -0.01    |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.437 | 128  | 4532     | 0.081 | ng/ul# | 94       |
| 7) 2-Methylnaphthalene      | 12.065 | 142  | 1708     | 0.046 | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.284 | 142  | 1420     | 0.037 | ng/ul  | 98       |
| 10) Acenaphthylene          | 13.980 | 152  | 8346     | 0.163 | ng/ul  | 96       |
| 11) Acenaphthene            | 14.322 | 153  | 7087     | 0.178 | ng/ul  | 99       |
| 12) Fluorene                | 15.312 | 166  | 8720     | 0.184 | ng/ul  | 98       |
| 15) Phenanthrene            | 17.054 | 178  | 210507m  | 2.980 | ng/ul  |          |
| 16) Anthracene              | 17.142 | 178  | 36945m   | 0.586 | ng/ul  |          |
| 19) Fluoranthene            | 19.078 | 202  | 529293m  | 6.096 | ng/ul  |          |
| 20) Pyrene                  | 19.440 | 202  | 354844m  | 3.910 | ng/ul  |          |
| 21) Benzo(a)anthracene      | 21.194 | 228  | 219807m  | 2.671 | ng/ul  |          |
| 22) Chrysene                | 21.246 | 228  | 274556m  | 3.039 | ng/ul  |          |
| 24) Benzo(b)fluoranthene    | 22.760 | 252  | 385534m  | 3.610 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 22.801 | 252  | 136282m  | 1.313 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.327 | 252  | 126625m  | 1.704 | ng/ul  |          |
| 27) Indeno(1,2,3-cd)pyrene  | 25.659 | 276  | 130972m  | 1.126 | ng/ul  |          |
| 28) Dibenzo(a,h)anthracene  | 25.659 | 278  | 43597m   | 0.504 | ng/ul  |          |
| 29) Benzo(g,h,i)perylene    | 26.347 | 276  | 20652m   | 0.223 | ng/ul  |          |

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

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