

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN071224\  
 Data File : BN032697.D  
 Acq On : 13 Jul 2024 06:40  
 Operator : MA/JU  
 Sample : P3088-09DL 5X  
 Misc :  
 ALS Vial : 37 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A4BR7DL

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 07/15/2024  
 Supervised By :mohammad ahmed 07/16/2024

Quant Time: Jul 15 08:55:03 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN071224.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Jul 12 01:40:24 2024

Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.553  | 152  | 5954     | 0.400 | ng/ul  | -0.03    |
| 4) Naphthalene-d8           | 10.321 | 136  | 17249    | 0.400 | ng/ul  | -0.04    |
| 9) Acenaphthene-d10         | 14.198 | 164  | 9094     | 0.400 | ng/ul  | -0.02    |
| 13) Phenanthrene-d10        | 16.957 | 188  | 16990    | 0.400 | ng/ul  | -0.03    |
| 17) Chrysene-d12            | 21.165 | 240  | 15637    | 0.400 | ng/ul  | -0.03    |
| 23) Perylene-d12            | 23.357 | 264  | 19269    | 0.400 | ng/ul  | #-0.04   |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.105  | 96   | 6805     | 0.952 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.933 | 152  | 1511     | 0.058 | ng/ul  | -0.04    |
| 18) Fluoranthene-d10        | 18.994 | 212  | 2824     | 0.055 | ng/ul  | -0.03    |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.371 | 128  | 5054     | 0.109 | ng/ul  | 97       |
| 7) 2-Methylnaphthalene      | 12.004 | 142  | 1611     | 0.056 | ng/ul  | 97       |
| 8) 1-Methylnaphthalene      | 12.224 | 142  | 1297     | 0.043 | ng/ul  | 100      |
| 10) Acenaphthylene          | 13.920 | 152  | 10129    | 0.276 | ng/ul  | 99       |
| 11) Acenaphthene            | 14.262 | 153  | 5827     | 0.192 | ng/ul  | 100      |
| 12) Fluorene                | 15.257 | 166  | 6301     | 0.181 | ng/ul  | 99       |
| 15) Phenanthrene            | 16.995 | 178  | 145043   | 3.135 | ng/ul  | 99       |
| 16) Anthracene              | 17.092 | 178  | 28917    | 0.765 | ng/ul  | 98       |
| 19) Fluoranthene            | 19.027 | 202  | 328942   | 5.174 | ng/ul  | 98       |
| 20) Pyrene                  | 19.389 | 202  | 257148   | 3.908 | ng/ul  | 98       |
| 21) Benzo(a)anthracene      | 21.150 | 228  | 144960   | 2.912 | ng/ul  | 99       |
| 22) Chrysene                | 21.200 | 228  | 171228   | 2.378 | ng/ul  | 98       |
| 24) Benzo(b)fluoranthene    | 22.702 | 252  | 244520m  | 3.597 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 22.740 | 252  | 94444m   | 1.140 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.263 | 252  | 109915   | 1.868 | ng/ul# | 83       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.559 | 276  | 102493   | 1.287 | ng/ul# | 90       |
| 28) Dibenzo(a,h)anthracene  | 25.559 | 278  | 28955    | 0.469 | ng/ul  | 95       |
| 29) Benzo(g,h,i)perylene    | 26.243 | 276  | 44613    | 0.670 | ng/ul  | 99       |
| -----                       |        |      |          |       |        |          |

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

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