

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN071624\  
 Data File : BN032766.D  
 Acq On : 17 Jul 2024 06:58  
 Operator : MA/JU  
 Sample : P3100-13  
 Misc :  
 ALS Vial : 37 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A4BX1

### Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/18/2024  
 Supervised By :mohammad ahmed 07/19/2024

Quant Time: Jul 17 07:22:31 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 : Wed Jul 17 02:35:25 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.540  | 152  | 6148     | 0.400  | ng/ul | -0.01    |
| 4) Naphthalene-d8           | 10.316 | 136  | 14963    | 0.400  | ng/ul | -0.01    |
| 9) Acenaphthene-d10         | 14.193 | 164  | 10462    | 0.400  | ng/ul | 0.00     |
| 13) Phenanthrene-d10        | 16.957 | 188  | 21191m   | 0.400  | ng/ul | 0.00     |
| 17) Chrysene-d12            | 21.171 | 240  | 18066m   | 0.400  | ng/ul | 0.00     |
| 23) Perylene-d12            | 23.368 | 264  | 24727m   | 0.400  | ng/ul | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 3) 1,4-Dioxane-d8           | 3.101  | 96   | 30320    | 4.107  | ng/ul | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.916 | 152  | 5802     | 0.257  | ng/ul | -0.02    |
| 18) Fluoranthene-d10        | 18.994 | 212  | 16347m   | 0.278  | ng/ul | 0.00     |
| Target Compounds            |        |      |          |        |       |          |
|                             |        |      |          |        |       | Qvalue   |
| 5) Naphthalene              | 10.360 | 128  | 10635    | 0.265  | ng/ul | 100      |
| 7) 2-Methylnaphthalene      | 11.988 | 142  | 3852     | 0.154  | ng/ul | 97       |
| 8) 1-Methylnaphthalene      | 12.213 | 142  | 3356     | 0.129  | ng/ul | 100      |
| 10) Acenaphthylene          | 13.915 | 152  | 37250    | 0.881  | ng/ul | 100      |
| 11) Acenaphthene            | 14.258 | 153  | 18503    | 0.529  | ng/ul | 99       |
| 12) Fluorene                | 15.252 | 166  | 23049    | 0.577  | ng/ul | 98       |
| 15) Phenanthrene            | 16.995 | 178  | 543379m  | 9.415  | ng/ul |          |
| 16) Anthracene              | 17.088 | 178  | 107798m  | 2.286  | ng/ul |          |
| 19) Fluoranthene            | 19.027 | 202  | 1397317m | 19.023 | ng/ul |          |
| 20) Pyrene                  | 19.394 | 202  | 962251m  | 12.656 | ng/ul |          |
| 21) Benzo(a)anthracene      | 21.153 | 228  | 665313m  | 11.569 | ng/ul |          |
| 22) Chrysene                | 21.206 | 228  | 785701m  | 9.445  | ng/ul |          |
| 24) Benzo(b)fluoranthene    | 22.713 | 252  | 1148789m | 13.167 | ng/ul |          |
| 25) Benzo(k)fluoranthene    | 22.748 | 252  | 398826m  | 3.751  | ng/ul |          |
| 26) Benzo(a)pyrene          | 23.275 | 252  | 376675m  | 4.989  | ng/ul |          |
| 27) Indeno(1,2,3-cd)pyrene  | 25.586 | 276  | 384438m  | 3.760  | ng/ul |          |
| 28) Dibenzo(a,h)anthracene  | 25.579 | 278  | 146694m  | 1.851  | ng/ul |          |
| 29) Benzo(g,h,i)perylene    | 26.267 | 276  | 54245m   | 0.635  | ng/ul |          |
| -----                       |        |      |          |        |       |          |

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

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