

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN071624\  
 Data File : BN032796.D  
 Acq On : 18 Jul 2024 01:42  
 Operator : MA/JU  
 Sample : P3177-03DL 5X  
 Misc :  
 ALS Vial : 68 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A4BS1DL

Manual Integrations  
 APPROVED

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

Quant Time: Jul 18 02:17:10 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  | 4389     | 0.400 | ng/ul  | -0.01    |
| 4) Naphthalene-d8           | 10.315 | 136  | 13207    | 0.400 | ng/ul  | -0.01    |
| 9) Acenaphthene-d10         | 14.192 | 164  | 7078     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 16.956 | 188  | 13294    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.166 | 240  | 12631    | 0.400 | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 23.364 | 264  | 14392m   | 0.400 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.097  | 96   | 3930     | 0.746 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.920 | 152  | 984      | 0.049 | ng/ul  | -0.01    |
| 18) Fluoranthene-d10        | 18.998 | 212  | 1880     | 0.046 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.364 | 128  | 751      | 0.021 | ng/ul# | 68       |
| 10) Acenaphthylene          | 13.910 | 152  | 1753     | 0.061 | ng/ul# | 83       |
| 11) Acenaphthene            | 14.257 | 153  | 553      | 0.023 | ng/ul  | 96       |
| 12) Fluorene                | 15.256 | 166  | 702      | 0.026 | ng/ul# | 90       |
| 15) Phenanthrene            | 16.994 | 178  | 10553    | 0.291 | ng/ul  | 98       |
| 16) Anthracene              | 17.091 | 178  | 2895     | 0.098 | ng/ul# | 87       |
| 19) Fluoranthene            | 19.026 | 202  | 21311    | 0.415 | ng/ul  | 99       |
| 20) Pyrene                  | 19.393 | 202  | 21334    | 0.401 | ng/ul  | 98       |
| 21) Benzo(a)anthracene      | 21.149 | 228  | 12847    | 0.320 | ng/ul# | 89       |
| 22) Chrysene                | 21.204 | 228  | 10622    | 0.183 | ng/ul# | 90       |
| 24) Benzo(b)fluoranthene    | 22.706 | 252  | 16755m   | 0.330 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 22.744 | 252  | 5551m    | 0.090 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.265 | 252  | 11546    | 0.263 | ng/ul# | 76       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.581 | 276  | 8533     | 0.143 | ng/ul# | 89       |
| 28) Dibenzo(a,h)anthracene  | 25.568 | 278  | 2056     | 0.045 | ng/ul# | 1        |
| 29) Benzo(g,h,i)perylene    | 26.259 | 276  | 8799     | 0.177 | ng/ul# | 76       |
| -----                       |        |      |          |       |        |          |

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

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