

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN070524\  
 Data File : BN032527.D  
 Acq On : 06 Jul 2024 02:45  
 Operator : MA/JU  
 Sample : P2964-02DL 5X  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A4B49DL

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 07/08/2024  
 Supervised By :mohammad ahmed 07/08/2024

Quant Time: Jul 06 03:28:09 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 : Wed Jul 03 03:26:42 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.595  | 152  | 5652     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.371 | 136  | 16053    | 0.400 | ng/ul  | -0.01    |
| 9) Acenaphthene-d10         | 14.244 | 164  | 8974     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 16.999 | 188  | 17627    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.206 | 240  | 17135    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.418 | 264  | 20513    | 0.400 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.139  | 96   | 3770     | 0.600 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.977 | 152  | 792      | 0.033 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.036 | 212  | 1907     | 0.037 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.420 | 128  | 1579     | 0.037 | ng/ul# | 78       |
| 10) Acenaphthylene          | 13.962 | 152  | 3063     | 0.082 | ng/ul# | 89       |
| 11) Acenaphthene            | 14.304 | 153  | 1489     | 0.051 | ng/ul  | 96       |
| 12) Fluorene                | 15.303 | 166  | 1844     | 0.053 | ng/ul# | 96       |
| 15) Phenanthrene            | 17.041 | 178  | 45835    | 0.948 | ng/ul  | 99       |
| 16) Anthracene              | 17.134 | 178  | 7966     | 0.185 | ng/ul# | 95       |
| 19) Fluoranthene            | 19.064 | 202  | 109112   | 1.672 | ng/ul  | 97       |
| 20) Pyrene                  | 19.431 | 202  | 78438    | 1.150 | ng/ul  | 99       |
| 21) Benzo(a)anthracene      | 21.188 | 228  | 45107    | 0.729 | ng/ul  | 97       |
| 22) Chrysene                | 21.241 | 228  | 58387    | 0.860 | ng/ul  | 98       |
| 24) Benzo(b)fluoranthene    | 22.754 | 252  | 81937m   | 0.919 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 22.792 | 252  | 31900m   | 0.368 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.321 | 252  | 27752    | 0.448 | ng/ul  | 98       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.653 | 276  | 30893    | 0.318 | ng/ul# | 93       |
| 28) Dibenzo(a,h)anthracene  | 25.653 | 278  | 9571     | 0.133 | ng/ul# | 67       |
| 29) Benzo(g,h,i)perylene    | 26.344 | 276  | 4647     | 0.060 | ng/ul# | 64       |
| -----                       |        |      |          |       |        |          |

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

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