

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN071224\  
 Data File : BN032648.D  
 Acq On : 11 Jul 2024 22:33  
 Operator : MA/JU  
 Sample : P3035-14  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A4CW9

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024  
 Supervised By :mohammad ahmed 07/16/2024

Quant Time: Jul 12 01:56:51 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   | 7.557  | 152  | 7983     | 0.400 | ng/ul  | -0.02    |
| 4) Naphthalene-d8           | 10.327 | 136  | 25748    | 0.400 | ng/ul  | -0.03    |
| 9) Acenaphthene-d10         | 14.207 | 164  | 14237    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 16.961 | 188  | 25799m   | 0.400 | ng/ul  | -0.03    |
| 17) Chrysene-d12            | 21.171 | 240  | 15992m   | 0.400 | ng/ul  | -0.02    |
| 23) Perylene-d12            | 23.365 | 264  | 18116m   | 0.400 | ng/ul  | -0.03    |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.106  | 96   | 26999    | 2.817 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.927 | 152  | 8583     | 0.221 | ng/ul  | -0.04    |
| 18) Fluoranthene-d10        | 18.999 | 212  | 12822m   | 0.246 | ng/ul  | -0.03    |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.376 | 128  | 14891    | 0.215 | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 12.004 | 142  | 4431     | 0.103 | ng/ul  | 95       |
| 8) 1-Methylnaphthalene      | 12.224 | 142  | 3439     | 0.077 | ng/ul  | 100      |
| 10) Acenaphthylene          | 13.925 | 152  | 16404    | 0.285 | ng/ul  | 99       |
| 11) Acenaphthene            | 14.267 | 153  | 13558    | 0.285 | ng/ul  | 99       |
| 12) Fluorene                | 15.262 | 166  | 14999    | 0.276 | ng/ul  | 98       |
| 15) Phenanthrene            | 17.003 | 178  | 269356m  | 3.834 | ng/ul  |          |
| 16) Anthracene              | 17.096 | 178  | 49975m   | 0.871 | ng/ul  |          |
| 19) Fluoranthene            | 19.031 | 202  | 470115m  | 7.230 | ng/ul  |          |
| 20) Pyrene                  | 19.399 | 202  | 338871m  | 5.035 | ng/ul  |          |
| 21) Benzo(a)anthracene      | 21.153 | 228  | 211686m  | 4.158 | ng/ul  |          |
| 22) Chrysene                | 21.206 | 228  | 236324m  | 3.209 | ng/ul  |          |
| 24) Benzo(b)fluoranthene    | 22.708 | 252  | 309477m  | 4.842 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 22.746 | 252  | 118391m  | 1.520 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.269 | 252  | 123017m  | 2.224 | ng/ul  |          |
| 27) Indeno(1,2,3-cd)pyrene  | 25.576 | 276  | 115097m  | 1.537 | ng/ul  |          |
| 28) Dibenzo(a,h)anthracene  | 25.579 | 278  | 40956m   | 0.705 | ng/ul  |          |
| 29) Benzo(g,h,i)perylene    | 26.260 | 276  | 17411m   | 0.278 | ng/ul  |          |
| -----                       |        |      |          |       |        |          |

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

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