

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN061824\  
 Data File : BN032047.D  
 Acq On : 18 Jun 2024 16:40  
 Operator : MA/JU  
 Sample : P2696-06  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A4BN4

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 06/19/2024  
 Supervised By :mohammad ahmed 06/21/2024

Quant Time: Jun 18 19:09:09 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN061824.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jun 18 14:06:13 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.650  | 152  | 11245    | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.426 | 136  | 40482    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.290 | 164  | 26304    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.041 | 188  | 61556    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.235 | 240  | 46334    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.462 | 264  | 37101m   | 0.400 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.169  | 96   | 58455    | 4.849 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.021 | 152  | 20575    | 0.313 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.073 | 212  | 52920    | 0.378 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.475 | 128  | 6245     | 0.058 | ng/ul  | 95       |
| 7) 2-Methylnaphthalene      | 12.098 | 142  | 2835     | 0.038 | ng/ul  | 97       |
| 8) 1-Methylnaphthalene      | 12.318 | 142  | 2223     | 0.029 | ng/ul  | 96       |
| 10) Acenaphthylene          | 14.013 | 152  | 5988     | 0.053 | ng/ul# | 91       |
| 11) Acenaphthene            | 14.355 | 153  | 13283    | 0.158 | ng/ul  | 100      |
| 12) Fluorene                | 15.345 | 166  | 15676    | 0.153 | ng/ul  | 99       |
| 15) Phenanthrene            | 17.079 | 178  | 279019   | 1.608 | ng/ul  | 99       |
| 16) Anthracene              | 17.172 | 178  | 49916    | 0.320 | ng/ul  | 99       |
| 19) Fluoranthene            | 19.101 | 202  | 572876   | 3.356 | ng/ul  | 99       |
| 20) Pyrene                  | 19.468 | 202  | 352569   | 1.972 | ng/ul  | 99       |
| 21) Benzo(a)anthracene      | 21.220 | 228  | 226331   | 1.274 | ng/ul  | 98       |
| 22) Chrysene                | 21.273 | 228  | 244192   | 1.378 | ng/ul  | 97       |
| 24) Benzo(b)fluoranthene    | 22.792 | 252  | 285045m  | 1.749 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 22.833 | 252  | 104426m  | 0.667 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.363 | 252  | 87134    | 0.752 | ng/ul  | 98       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.703 | 276  | 75764    | 0.485 | ng/ul  | 95       |
| 28) Dibenzo(a,h)anthracene  | 25.713 | 278  | 28158    | 0.233 | ng/ul# | 88       |
| 29) Benzo(g,h,i)perylene    | 26.401 | 276  | 13083    | 0.105 | ng/ul# | 82       |
| -----                       |        |      |          |       |        |          |

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

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