

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN072324\  
 Data File : BN032935.D  
 Acq On : 24 Jul 2024 06:21  
 Operator : MA/JU  
 Sample : P3215-12DL 5X  
 Misc :  
 ALS Vial : 45 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A4D25DL

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024  
 Supervised By :mohammad ahmed 07/26/2024

Quant Time: Jul 24 06:57:37 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 : Sat Jul 20 01:52:15 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.523  | 152  | 1639     | 0.400 | ng/ul  | -0.01    |
| 4) Naphthalene-d8           | 10.294 | 136  | 5472     | 0.400 | ng/ul  | #-0.02   |
| 9) Acenaphthene-d10         | 14.179 | 164  | 3211     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 16.944 | 188  | 5276m    | 0.400 | ng/ul  | -0.02    |
| 17) Chrysene-d12            | 21.165 | 240  | 3764m    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.360 | 264  | 5138     | 0.400 | ng/ul  | # 0.00   |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.085  | 96   | 4333     | 2.202 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.900 | 152  | 1300     | 0.157 | ng/ul  | -0.03    |
| 18) Fluoranthene-d10        | 18.990 | 212  | 2013     | 0.164 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       |        | Qvalue   |
| 5) Naphthalene              | 10.343 | 128  | 1961     | 0.133 | ng/ul# | 85       |
| 7) 2-Methylnaphthalene      | 11.977 | 142  | 551      | 0.060 | ng/ul  | 96       |
| 8) 1-Methylnaphthalene      | 12.197 | 142  | 303      | 0.032 | ng/ul  | 87       |
| 10) Acenaphthylene          | 13.897 | 152  | 3329     | 0.257 | ng/ul# | 89       |
| 11) Acenaphthene            | 14.244 | 153  | 955      | 0.089 | ng/ul  | 93       |
| 12) Fluorene                | 15.239 | 166  | 1619     | 0.132 | ng/ul# | 90       |
| 15) Phenanthrene            | 16.987 | 178  | 9381m    | 0.653 | ng/ul  |          |
| 16) Anthracene              | 17.079 | 178  | 3853m    | 0.328 | ng/ul  |          |
| 19) Fluoranthene            | 19.018 | 202  | 34016    | 2.223 | ng/ul  | 99       |
| 20) Pyrene                  | 19.385 | 202  | 31489    | 1.988 | ng/ul  | 99       |
| 21) Benzo(a)anthracene      | 21.147 | 228  | 13826    | 1.154 | ng/ul# | 81       |
| 22) Chrysene                | 21.200 | 228  | 17310    | 0.999 | ng/ul# | 83       |
| 24) Benzo(b)fluoranthene    | 22.705 | 252  | 20724m   | 1.143 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 22.743 | 252  | 7212m    | 0.326 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.266 | 252  | 14032    | 0.894 | ng/ul# | 48       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.579 | 276  | 10571    | 0.498 | ng/ul# | 89       |
| 28) Dibenzo(a,h)anthracene  | 25.572 | 278  | 2600     | 0.158 | ng/ul# | 1        |
| 29) Benzo(g,h,i)perylene    | 26.263 | 276  | 9967     | 0.561 | ng/ul# | 42       |
| -----                       |        |      |          |       |        |          |

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

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