

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN122422\  
 Data File : BN023408.D  
 Acq On : 24 Dec 2022 13:39  
 Operator : CG/JU  
 Sample : N6018-12  
 Misc :  
 ALS Vial : 35 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DBYJ2

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 12/25/2022  
 Supervised By :Yogesh Patel 12/25/2022

Quant Time: Dec 24 23:18:35 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN122122.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Dec 22 02:28:40 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.989  | 152  | 7325     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.810 | 136  | 24101    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.640 | 164  | 14665    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.390 | 188  | 33307    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.581 | 240  | 24176    | 0.400 | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 24.030 | 264  | 17861    | 0.400 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.340  | 96   | 39661    | 4.983 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.393 | 152  | 13621    | 0.365 | ng/ul  | -0.01    |
| 18) Fluoranthene-d10        | 19.415 | 212  | 32526    | 0.372 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 15) Phenanthrene            | 17.428 | 178  | 10775    | 0.099 | ng/ul# | 88       |
| 19) Fluoranthene            | 19.448 | 202  | 36705    | 0.313 | ng/ul# | 89       |
| 20) Pyrene                  | 19.815 | 202  | 27240m   | 0.230 | ng/ul  |          |
| 21) Benzo(a)anthracene      | 21.563 | 228  | 15412    | 0.164 | ng/ul# | 94       |
| 22) Chrysene                | 21.616 | 228  | 19769    | 0.207 | ng/ul# | 94       |
| 24) Benzo(b)fluoranthene    | 23.279 | 252  | 24916m   | 0.270 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 23.326 | 252  | 7858m    | 0.091 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.922 | 252  | 13313    | 0.182 | ng/ul# | 76       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.584 | 276  | 10450    | 0.122 | ng/ul# | 45       |
| 28) Dibenzo(a,h)anthracene  | 26.600 | 278  | 2645     | 0.040 | ng/ul# | 6        |
| 29) Benzo(g,h,i)perylene    | 27.382 | 276  | 10108    | 0.145 | ng/ul# | 84       |
| -----                       |        |      |          |       |        |          |

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

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