

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM081221\  
 Data File : BM031701.D  
 Acq On : 13 Aug 2021 06:31  
 Operator : CG/JU  
 Sample : M3182-14DL 5X  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C00D2DL

Manual Integrations  
 APPROVED

mohammad  
 8/13/2021 5:15:09 PM

Quant Time: Aug 13 07:05:08 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM072821.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 13 05:12:04 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.569  | 152  | 1352     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.328 | 136  | 4858     | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.201 | 164  | 2693     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 16.954 | 188  | 5116     | 0.400 | ng/ul  | #-0.01   |
| 17) Chrysene-d12            | 21.150 | 240  | 4273     | 0.400 | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 23.303 | 264  | 4211     | 0.400 | ng/ul  | #-0.02   |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.186  | 96   | 909      | 0.605 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.920 | 152  | 345      | 0.042 | ng/ul  | -0.01    |
| 18) Fluoranthene-d10        | 18.985 | 212  | 719      | 0.050 | ng/ul  | -0.01    |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.378 | 128  | 11380    | 0.786 | ng/ul  | 98       |
| 7) 2-Methylnaphthalene      | 11.997 | 142  | 7044     | 0.712 | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.222 | 142  | 3159     | 0.323 | ng/ul  | 100      |
| 10) Acenaphthylene          | 13.922 | 152  | 1411     | 0.123 | ng/ul# | 90       |
| 11) Acenaphthene            | 14.295 | 153  | 247m     | 0.026 | ng/ul  |          |
| 12) Fluorene                | 15.258 | 166  | 247      | 0.022 | ng/ul# | 71       |
| 15) Phenanthrene            | 16.995 | 178  | 14205    | 0.874 | ng/ul  | 99       |
| 16) Anthracene              | 17.085 | 178  | 1399     | 0.092 | ng/ul# | 90       |
| 19) Fluoranthene            | 19.019 | 202  | 11615    | 0.637 | ng/ul  | 97       |
| 20) Pyrene                  | 19.381 | 202  | 9789     | 0.529 | ng/ul  | 96       |
| 21) Benzo(a)anthracene      | 21.135 | 228  | 5817m    | 0.337 | ng/ul  |          |
| 22) Chrysene                | 21.186 | 228  | 8393     | 0.470 | ng/ul  | 97       |
| 24) Benzo(b)fluoranthene    | 22.666 | 252  | 9028m    | 0.476 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 22.707 | 252  | 2666m    | 0.136 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.211 | 252  | 4546     | 0.274 | ng/ul# | 77       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.440 | 276  | 3528     | 0.164 | ng/ul# | 100      |
| 28) Dibenzo(a,h)anthracene  | 25.440 | 278  | 977      | 0.056 | ng/ul# | 31       |
| 29) Benzo(g,h,i)perylene    | 26.094 | 276  | 640      | 0.035 | ng/ul# | 42       |
| -----                       |        |      |          |       |        |          |

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

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