

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM072921\  
 Data File : BM031321.D  
 Acq On : 31 Jul 2021 20:38  
 Operator : CG/JU  
 Sample : M3091-17  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0055

Manual Integrations  
 APPROVED

mohammad  
 8/2/2021 3:41:51 PM

Quant Time: Aug 02 01:13:28 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 Jul 30 14:16:52 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.607  | 152  | 1623     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.365 | 136  | 6529     | 0.400 | ng/ul  | # 0.00   |
| 9) Acenaphthene-d10         | 14.235 | 164  | 4531     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 16.985 | 188  | 8357     | 0.400 | ng/ul  | # 0.00   |
| 17) Chrysene-d12            | 21.173 | 240  | 6538     | 0.400 | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 23.338 | 264  | 6005     | 0.400 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.192  | 96   | 4485     | 2.488 | ng/ul  | -0.01    |
| 6) 2-Methylnaphthalene-d10  | 11.962 | 152  | 1983     | 0.180 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.016 | 212  | 4211     | 0.193 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.415 | 128  | 12345    | 0.635 | ng/ul  | 98       |
| 7) 2-Methylnaphthalene      | 12.034 | 142  | 21248    | 1.599 | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.259 | 142  | 12048    | 0.918 | ng/ul  | 99       |
| 10) Acenaphthylene          | 13.954 | 152  | 7621     | 0.395 | ng/ul  | 100      |
| 11) Acenaphthene            | 14.330 | 153  | 1481m    | 0.091 | ng/ul  |          |
| 12) Fluorene                | 15.289 | 166  | 1953     | 0.104 | ng/ul# | 71       |
| 15) Phenanthrene            | 17.023 | 178  | 73224    | 2.759 | ng/ul  | 98       |
| 16) Anthracene              | 17.117 | 178  | 8547     | 0.344 | ng/ul  | 98       |
| 19) Fluoranthene            | 19.043 | 202  | 97617    | 3.497 | ng/ul# | 96       |
| 20) Pyrene                  | 19.409 | 202  | 83420    | 2.946 | ng/ul  | 97       |
| 21) Benzo(a)anthracene      | 21.156 | 228  | 44175    | 1.673 | ng/ul  | 94       |
| 22) Chrysene                | 21.210 | 228  | 58673    | 2.148 | ng/ul  | 97       |
| 24) Benzo(b)fluoranthene    | 22.694 | 252  | 67730m   | 2.503 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 22.733 | 252  | 21865m   | 0.782 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.244 | 252  | 40622    | 1.714 | ng/ul  | 96       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.480 | 276  | 29614    | 0.967 | ng/ul# | 96       |
| 28) Dibenzo(a,h)anthracene  | 25.482 | 278  | 8069     | 0.327 | ng/ul# | 79       |
| 29) Benzo(g,h,i)perylene    | 26.134 | 276  | 27347    | 1.047 | ng/ul  | 96       |
| -----                       |        |      |          |       |        |          |

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

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