

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM090321\  
 Data File : BM032080.D  
 Acq On : 04 Sep 2021 16:38  
 Operator : CG/JU  
 Sample : M3486-17  
 Misc :  
 ALS Vial : 38 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0B25

Manual Integrations  
 APPROVED

mohammad  
 9/7/2021 11:38:48 AM

Quant Time: Sep 06 02:38:29 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM090321.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Sep 03 16:21:27 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.452  | 152  | 1760     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.203 | 136  | 6019     | 0.400 | ng/ul  | -0.02    |
| 9) Acenaphthene-d10         | 14.095 | 164  | 2979     | 0.400 | ng/ul  | # 0.00   |
| 13) Phenanthrene-d10        | 16.852 | 188  | 5860     | 0.400 | ng/ul  | -0.01    |
| 17) Chrysene-d12            | 21.062 | 240  | 4761     | 0.400 | ng/ul  | -0.01    |
| 23) Perylene-d12            | 23.176 | 264  | 5556     | 0.400 | ng/ul  | #-0.02   |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.061  | 96   | 4278     | 2.213 | ng/ul  | -0.01    |
| 6) 2-Methylnaphthalene-d10  | 11.809 | 152  | 1191     | 0.128 | ng/ul  | -0.01    |
| 18) Fluoranthene-d10        | 18.892 | 212  | 2594     | 0.186 | ng/ul  | -0.01    |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.253 | 128  | 6666     | 0.417 | ng/ul  | 96       |
| 7) 2-Methylnaphthalene      | 11.881 | 142  | 4791     | 0.430 | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.106 | 142  | 3781     | 0.345 | ng/ul  | 97       |
| 10) Acenaphthylene          | 13.815 | 152  | 748      | 0.062 | ng/ul# | 76       |
| 15) Phenanthrene            | 16.893 | 178  | 5224     | 0.293 | ng/ul  | 99       |
| 16) Anthracene              | 16.983 | 178  | 664      | 0.042 | ng/ul# | 73       |
| 19) Fluoranthene            | 18.923 | 202  | 3908     | 0.190 | ng/ul# | 94       |
| 20) Pyrene                  | 19.285 | 202  | 5055     | 0.238 | ng/ul# | 93       |
| 21) Benzo(a)anthracene      | 21.047 | 228  | 2409     | 0.139 | ng/ul  | 92       |
| 22) Chrysene                | 21.098 | 228  | 3370     | 0.169 | ng/ul# | 92       |
| 24) Benzo(b)fluoranthene    | 22.553 | 252  | 5390m    | 0.211 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 22.587 | 252  | 1613m    | 0.061 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.084 | 252  | 3373     | 0.151 | ng/ul# | 85       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.245 | 276  | 2911     | 0.096 | ng/ul# | 89       |
| 28) Dibenzo(a,h)anthracene  | 25.252 | 278  | 843      | 0.034 | ng/ul# | 18       |
| 29) Benzo(g,h,i)perylene    | 25.875 | 276  | 2976     | 0.110 | ng/ul# | 87       |
| -----                       |        |      |          |       |        |          |

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

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