

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM081221\  
 Data File : BM031671.D  
 Acq On : 12 Aug 2021 11:16  
 Operator : CG/JU  
 Sample : M3182-01  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C00B8

Manual Integrations  
 APPROVED

mohammad  
 8/13/2021 5:13:40 PM

Quant Time: Aug 12 12:47:26 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 : Thu Aug 12 11:28:10 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.573  | 152  | 1062     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.329 | 136  | 3752     | 0.400 | ng/ul  | # 0.00   |
| 9) Acenaphthene-d10         | 14.205 | 164  | 2104     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 16.957 | 188  | 3831     | 0.400 | ng/ul  | # 0.00   |
| 17) Chrysene-d12            | 21.152 | 240  | 3324     | 0.400 | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 23.309 | 264  | 3401     | 0.400 | ng/ul  | # 0.00   |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.182  | 96   | 1979     | 1.678 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.926 | 152  | 935      | 0.148 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 18.989 | 212  | 1807     | 0.163 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.379 | 128  | 8305     | 0.743 | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 12.002 | 142  | 5096     | 0.667 | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.223 | 142  | 2871     | 0.381 | ng/ul  | 99       |
| 10) Acenaphthylene          | 13.927 | 152  | 5420     | 0.605 | ng/ul  | 99       |
| 11) Acenaphthene            | 14.265 | 153  | 664      | 0.088 | ng/ul# | 92       |
| 12) Fluorene                | 15.263 | 166  | 1331     | 0.153 | ng/ul# | 91       |
| 15) Phenanthrene            | 16.996 | 178  | 31855    | 2.619 | ng/ul  | 98       |
| 16) Anthracene              | 17.089 | 178  | 7111     | 0.624 | ng/ul  | 100      |
| 19) Fluoranthene            | 19.020 | 202  | 82345    | 5.802 | ng/ul  | 99       |
| 20) Pyrene                  | 19.382 | 202  | 70726    | 4.913 | ng/ul  | 98       |
| 21) Benzo(a)anthracene      | 21.137 | 228  | 38680    | 2.882 | ng/ul  | 97       |
| 22) Chrysene                | 21.190 | 228  | 44432    | 3.200 | ng/ul  | 97       |
| 24) Benzo(b)fluoranthene    | 22.670 | 252  | 64626m   | 4.217 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 22.708 | 252  | 21809m   | 1.378 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.215 | 252  | 38846    | 2.895 | ng/ul# | 92       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.439 | 276  | 28852    | 1.663 | ng/ul# | 98       |
| 28) Dibenzo(a,h)anthracene  | 25.444 | 278  | 7116     | 0.509 | ng/ul# | 91       |
| 29) Benzo(g,h,i)perylene    | 26.091 | 276  | 8399     | 0.568 | ng/ul  | 96       |
| -----                       |        |      |          |       |        |          |

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

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