

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM072621\  
 Data File : BM031195.D  
 Acq On : 27 Jul 2021 12:16  
 Operator : CG/JU  
 Sample : M3010-03  
 Misc :  
 ALS Vial : 42 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BGEE0

Manual Integrations  
 APPROVED

mohammad  
 7/28/2021 11:31:39 AM

Quant Time: Jul 27 12:50:16 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM072221.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jul 27 12:13:28 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|------|--------|----------|
| -----                       |        |      |          |      |        |          |
| Internal Standards          |        |      |          |      |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.632  | 152  | 1052     | 0.40 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.397 | 136  | 4249     | 0.40 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.258 | 164  | 3046     | 0.40 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.002 | 188  | 6457     | 0.40 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.190 | 240  | 6400     | 0.40 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.362 | 264  | 5687     | 0.40 | ng/ul  | 0.00     |
|                             |        |      |          |      |        |          |
| System Monitoring Compounds |        |      |          |      |        |          |
| 3) 1,4-Dioxane-d8           | 3.213  | 96   | 2061     | 1.86 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.989 | 152  | 868      | 0.12 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.031 | 212  | 2679     | 0.14 | ng/ul  | 0.00     |
|                             |        |      |          |      |        |          |
| Target Compounds            |        |      |          |      | Qvalue |          |
| 5) Naphthalene              | 10.442 | 128  | 1719     | 0.14 | ng/ul# | 93       |
| 7) 2-Methylnaphthalene      | 12.061 | 142  | 196      | 0.02 | ng/ul  | 100      |
| 10) Acenaphthylene          | 13.977 | 152  | 789      | 0.06 | ng/ul# | 90       |
| 11) Acenaphthene            | 14.322 | 153  | 941      | 0.09 | ng/ul  | 97       |
| 12) Fluorene                | 15.312 | 166  | 683      | 0.05 | ng/ul# | 98       |
| 15) Phenanthrene            | 17.044 | 178  | 9539     | 0.47 | ng/ul  | 100      |
| 16) Anthracene              | 17.134 | 178  | 6104     | 0.32 | ng/ul  | 100      |
| 19) Fluoranthene            | 19.062 | 202  | 34454    | 1.34 | ng/ul  | 99       |
| 20) Pyrene                  | 19.424 | 202  | 29762    | 1.13 | ng/ul  | 99       |
| 21) Benzo(a)anthracene      | 21.176 | 228  | 21581    | 0.84 | ng/ul  | 95       |
| 22) Chrysene                | 21.227 | 228  | 19214    | 0.69 | ng/ul  | 98       |
| 24) Benzo(b)fluoranthene    | 22.718 | 252  | 23581m   | 0.88 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 22.757 | 252  | 10106m   | 0.37 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.268 | 252  | 15746    | 0.68 | ng/ul  | 97       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.512 | 276  | 8233     | 0.27 | ng/ul# | 98       |
| 28) Dibenzo(a,h)anthracene  | 25.521 | 278  | 2475     | 0.10 | ng/ul# | 76       |
| 29) Benzo(g,h,i)perylene    | 26.173 | 276  | 1469     | 0.06 | ng/ul# | 77       |
| -----                       |        |      |          |      |        |          |

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

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