

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM101921\  
 Data File : BM032629.D  
 Acq On : 20 Oct 2021 21:24  
 Operator : CG/JU  
 Sample : M4207-08  
 Misc :  
 ALS Vial : 48 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0AZ7

Manual Integrations  
 APPROVED

mohammad  
 10/21/2021 11:17:16 AM

Quant Time: Oct 21 04:50:25 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM101421.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 20 16:33:56 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|------|--------|----------|
| -----                       |        |      |          |      |        |          |
| Internal Standards          |        |      |          |      |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.553  | 152  | 6314     | 0.40 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.339 | 136  | 20825    | 0.40 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.209 | 164  | 10492    | 0.40 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 16.943 | 188  | 18926    | 0.40 | ng/ul  | # 0.00   |
| 17) Chrysene-d12            | 21.121 | 240  | 12836    | 0.40 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.256 | 264  | 11295    | 0.40 | ng/ul  | 0.00     |
|                             |        |      |          |      |        |          |
| System Monitoring Compounds |        |      |          |      |        |          |
| 3) 1,4-Dioxane-d8           | 2.920  | 96   | 23748    | 3.36 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.936 | 152  | 4102     | 0.15 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 18.969 | 212  | 6681     | 0.17 | ng/ul  | 0.00     |
|                             |        |      |          |      |        |          |
| Target Compounds            |        |      |          |      |        |          |
|                             |        |      |          |      |        | Qvalue   |
| 5) Naphthalene              | 10.388 | 128  | 8119     | 0.13 | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 12.008 | 142  | 5351     | 0.13 | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.232 | 142  | 4257     | 0.10 | ng/ul  | 99       |
| 10) Acenaphthylene          | 13.928 | 152  | 3389     | 0.08 | ng/ul# | 91       |
| 11) Acenaphthene            | 14.274 | 153  | 3709     | 0.09 | ng/ul  | 99       |
| 12) Fluorene                | 15.256 | 166  | 4172     | 0.09 | ng/ul# | 97       |
| 15) Phenanthrene            | 16.984 | 178  | 73670    | 1.16 | ng/ul  | 98       |
| 16) Anthracene              | 17.074 | 178  | 15491    | 0.28 | ng/ul  | 98       |
| 19) Fluoranthene            | 19.000 | 202  | 123557   | 1.95 | ng/ul  | 99       |
| 20) Pyrene                  | 19.362 | 202  | 105672   | 1.62 | ng/ul  | 99       |
| 21) Benzo(a)anthracene      | 21.104 | 228  | 51272    | 1.02 | ng/ul  | 99       |
| 22) Chrysene                | 21.154 | 228  | 54762    | 0.99 | ng/ul  | 98       |
| 24) Benzo(b)fluoranthene    | 22.622 | 252  | 71489m   | 1.37 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 22.658 | 252  | 28655m   | 0.55 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.162 | 252  | 45912    | 1.05 | ng/ul  | 92       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.359 | 276  | 34902    | 0.65 | ng/ul# | 91       |
| 28) Dibenzo(a,h)anthracene  | 25.359 | 278  | 8412     | 0.20 | ng/ul# | 88       |
| 29) Benzo(g,h,i)perylene    | 26.011 | 276  | 32196    | 0.69 | ng/ul  | 100      |
| -----                       |        |      |          |      |        |          |

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

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