

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM101521\  
 Data File : BM032521.D  
 Acq On : 15 Oct 2021 12:16  
 Operator : CG/JU  
 Sample : M4030-07  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C00U6

Manual Integrations  
 APPROVED

mohammad  
 10/18/2021 12:41:12 PM

Quant Time: Oct 15 12:58:28 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 : Fri Oct 15 12:37:00 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|------|--------|----------|
| -----                       |        |      |          |      |        |          |
| Internal Standards          |        |      |          |      |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.557  | 152  | 4580     | 0.40 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.344 | 136  | 14433    | 0.40 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.213 | 164  | 7543     | 0.40 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 16.950 | 188  | 14384    | 0.40 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.130 | 240  | 9170     | 0.40 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.271 | 264  | 7328     | 0.40 | ng/ul  | # 0.00   |
| System Monitoring Compounds |        |      |          |      |        |          |
| 3) 1,4-Dioxane-d8           | 2.923  | 96   | 9574     | 1.87 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.940 | 152  | 2248     | 0.12 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 18.977 | 212  | 4233     | 0.15 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |      |        |          |
|                             |        |      |          |      |        | Qvalue   |
| 5) Naphthalene              | 10.393 | 128  | 1661     | 0.04 | ng/ul# | 85       |
| 7) 2-Methylnaphthalene      | 12.017 | 142  | 984      | 0.03 | ng/ul  | 100      |
| 10) Acenaphthylene          | 13.933 | 152  | 934      | 0.03 | ng/ul# | 86       |
| 11) Acenaphthene            | 14.278 | 153  | 637      | 0.02 | ng/ul  | 96       |
| 12) Fluorene                | 15.263 | 166  | 1158     | 0.03 | ng/ul# | 97       |
| 15) Phenanthrene            | 16.991 | 178  | 21133    | 0.44 | ng/ul  | 100      |
| 16) Anthracene              | 17.081 | 178  | 5414     | 0.13 | ng/ul  | 96       |
| 19) Fluoranthene            | 19.008 | 202  | 47549    | 1.05 | ng/ul  | 99       |
| 20) Pyrene                  | 19.370 | 202  | 42524    | 0.91 | ng/ul  | 99       |
| 21) Benzo(a)anthracene      | 21.116 | 228  | 16514    | 0.46 | ng/ul  | 99       |
| 22) Chrysene                | 21.167 | 228  | 18215    | 0.46 | ng/ul  | 98       |
| 24) Benzo(b)fluoranthene    | 22.636 | 252  | 18378m   | 0.54 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 22.673 | 252  | 7547m    | 0.22 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.174 | 252  | 13151    | 0.46 | ng/ul  | 94       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.376 | 276  | 7987     | 0.23 | ng/ul# | 88       |
| 28) Dibenzo(a,h)anthracene  | 25.374 | 278  | 1757     | 0.06 | ng/ul# | 50       |
| 29) Benzo(g,h,i)perylene    | 26.021 | 276  | 7323     | 0.24 | ng/ul  | 95       |
| -----                       |        |      |          |      |        |          |

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

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