

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM090623\  
 Data File : BM041696.D  
 Acq On : 07 Sep 2023 15:46  
 Operator : MA/JU  
 Sample : 04113-16DL 5X  
 Misc :  
 ALS Vial : 36 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 EYZJ2DL

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 09/09/2023  
 Supervised By :mohammad ahmed 09/09/2023

Quant Time: Sep 08 02:53:40 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM090523.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Sep 06 02:20:07 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|--------|--------|----------|
| -----                       |        |      |          |        |        |          |
| Internal Standards          |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.001  | 152  | 5648     | 0.400  | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.819 | 136  | 15005    | 0.400  | ng/ul  | # 0.00   |
| 9) Acenaphthene-d10         | 14.644 | 164  | 10257    | 0.400  | ng/ul  | # 0.00   |
| 13) Phenanthrene-d10        | 17.397 | 188  | 13790    | 0.400  | ng/ul  | # 0.00   |
| 17) Chrysene-d12            | 21.566 | 240  | 7408     | 0.400  | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 23.998 | 264  | 8982     | 0.400  | ng/ul  | # 0.00   |
|                             |        |      |          |        |        |          |
| System Monitoring Compounds |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8           | 3.406  | 96   | 6515     | 0.755  | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.403 | 152  | 2944     | 0.152  | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.395 | 212  | 2381     | 0.066  | ng/ul  | -0.02    |
|                             |        |      |          |        |        |          |
| Target Compounds            |        |      |          |        |        |          |
| 7) 2-Methylnaphthalene      | 12.474 | 142  | 21591    | 0.772  | ng/ul  | 96       |
| 8) 1-Methylnaphthalene      | 12.694 | 142  | 296480   | 10.549 | ng/ul  | 99       |
| 10) Acenaphthylene          | 14.361 | 152  | 28400    | 0.448  | ng/ul# | 1        |
| 11) Acenaphthene            | 14.708 | 153  | 96381    | 1.956  | ng/ul  | 88       |
| 12) Fluorene                | 15.694 | 166  | 143496   | 2.596  | ng/ul# | 94       |
| 15) Phenanthrene            | 17.435 | 178  | 323273   | 5.552  | ng/ul# | 95       |
| 19) Fluoranthene            | 19.441 | 202  | 27412    | 0.314  | ng/ul# | 90       |
| 20) Pyrene                  | 19.808 | 202  | 77598m   | 0.894  | ng/ul  |          |
| 21) Benzo(a)anthracene      | 21.548 | 228  | 6993     | 0.116  | ng/ul# | 73       |
| 22) Chrysene                | 21.604 | 228  | 10203m   | 0.157  | ng/ul  |          |
| 24) Benzo(b)fluoranthene    | 23.249 | 252  | 12051    | 0.150  | ng/ul# | 1        |
| 25) Benzo(k)fluoranthene    | 23.293 | 252  | 4261m    | 0.054  | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.890 | 252  | 7928     | 0.121  | ng/ul# | 1        |
| 27) Indeno(1,2,3-cd)pyrene  | 26.519 | 276  | 7465     | 0.083  | ng/ul# | 96       |
| 28) Dibenzo(a,h)anthracene  | 26.533 | 278  | 1731     | 0.028  | ng/ul# | 1        |
| 29) Benzo(g,h,i)perylene    | 27.304 | 276  | 7386     | 0.093  | ng/ul# | 63       |
| -----                       |        |      |          |        |        |          |

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

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