

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM092223\  
 Data File : BM042009.D  
 Acq On : 23 Sep 2023 05:13  
 Operator : MA/JU  
 Sample : 04386-08  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0AC1

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 09/25/2023  
 Supervised By :mohammad ahmed 09/26/2023

Quant Time: Sep 23 05:42:44 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM092223.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Sep 22 13:50:58 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.954  | 152  | 6418     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.768 | 136  | 16499    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.597 | 164  | 7355     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.350 | 188  | 14262    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.518 | 240  | 5395     | 0.400 | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 23.927 | 264  | 5114     | 0.400 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.372  | 96   | 17183    | 1.965 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.346 | 152  | 2758     | 0.133 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.371 | 212  | 3642     | 0.164 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.817 | 128  | 4590     | 0.083 | ng/ul# | 93       |
| 7) 2-Methylnaphthalene      | 12.423 | 142  | 3972     | 0.121 | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.643 | 142  | 3347     | 0.100 | ng/ul  | 99       |
| 10) Acenaphthylene          | 14.324 | 152  | 2456     | 0.050 | ng/ul# | 85       |
| 11) Acenaphthene            | 14.661 | 153  | 1025     | 0.027 | ng/ul# | 81       |
| 12) Fluorene                | 15.647 | 166  | 1503     | 0.035 | ng/ul# | 92       |
| 15) Phenanthrene            | 17.392 | 178  | 30132    | 0.456 | ng/ul  | 100      |
| 16) Anthracene              | 17.481 | 178  | 3424     | 0.060 | ng/ul# | 89       |
| 19) Fluoranthene            | 19.403 | 202  | 65578    | 1.075 | ng/ul  | 99       |
| 20) Pyrene                  | 19.766 | 202  | 49647m   | 0.828 | ng/ul  |          |
| 21) Benzo(a)anthracene      | 21.501 | 228  | 15942    | 0.390 | ng/ul  | 97       |
| 22) Chrysene                | 21.556 | 228  | 22347    | 0.529 | ng/ul  | 98       |
| 24) Benzo(b)fluoranthene    | 23.184 | 252  | 30162    | 0.766 | ng/ul# | 1        |
| 25) Benzo(k)fluoranthene    | 23.231 | 252  | 10648m   | 0.278 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.819 | 252  | 15584    | 0.482 | ng/ul# | 66       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.418 | 276  | 16884    | 0.380 | ng/ul# | 1        |
| 29) Benzo(g,h,i)perylene    | 27.202 | 276  | 16314    | 0.436 | ng/ul# | 64       |
| -----                       |        |      |          |       |        |          |

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

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