

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM101022\  
 Data File : BM036983.D  
 Acq On : 12 Oct 2022 14:41  
 Operator : CG/JU  
 Sample : N5024-09DL 5X  
 Misc :  
 ALS Vial : 87 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0BP1DL

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 10/13/2022  
 Supervised By :mohammad ahmed 10/14/2022

Quant Time: Oct 12 23:10:42 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM100622.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Oct 11 09:03:52 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.951  | 152  | 8166     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.754 | 136  | 29915    | 0.400 | ng/ul  | # 0.00   |
| 9) Acenaphthene-d10         | 14.575 | 164  | 16421    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.313 | 188  | 32009    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.482 | 240  | 18273    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.879 | 264  | 14122    | 0.400 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.348  | 96   | 8042     | 0.698 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.338 | 152  | 2199     | 0.049 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.331 | 212  | 3568     | 0.065 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.804 | 128  | 19136    | 0.224 | ng/ul  | 97       |
| 7) 2-Methylnaphthalene      | 12.409 | 142  | 13663    | 0.261 | ng/ul  | 92       |
| 8) 1-Methylnaphthalene      | 12.629 | 142  | 10889    | 0.205 | ng/ul  | 99       |
| 10) Acenaphthylene          | 14.298 | 152  | 3738     | 0.055 | ng/ul# | 88       |
| 11) Acenaphthene            | 14.635 | 153  | 1990     | 0.034 | ng/ul  | 97       |
| 12) Fluorene                | 15.621 | 166  | 1859     | 0.028 | ng/ul# | 92       |
| 15) Phenanthrene            | 17.356 | 178  | 54218    | 0.531 | ng/ul  | 99       |
| 16) Anthracene              | 17.444 | 178  | 6970     | 0.082 | ng/ul  | 97       |
| 19) Fluoranthene            | 19.364 | 202  | 99244    | 1.365 | ng/ul  | 98       |
| 20) Pyrene                  | 19.726 | 202  | 86529    | 1.142 | ng/ul  | 97       |
| 21) Benzo(a)anthracene      | 21.468 | 228  | 34398    | 0.521 | ng/ul  | 99       |
| 22) Chrysene                | 21.520 | 228  | 39760    | 0.561 | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 23.151 | 252  | 48262    | 0.765 | ng/ul  | 95       |
| 25) Benzo(k)fluoranthene    | 23.192 | 252  | 15199m   | 0.247 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.771 | 252  | 30828    | 0.602 | ng/ul# | 86       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.363 | 276  | 23242    | 0.321 | ng/ul  | 92       |
| 28) Dibenzo(a,h)anthracene  | 26.377 | 278  | 5476     | 0.093 | ng/ul# | 81       |
| 29) Benzo(g,h,i)perylene    | 27.134 | 276  | 22159    | 0.347 | ng/ul  | 99       |
| -----                       |        |      |          |       |        |          |

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

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