

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM050324\  
 Data File : BM045681.D  
 Acq On : 02 May 2024 23:42  
 Operator : MA/JU  
 Sample : PB160612BS  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SLCS612

Quant Time: May 03 03:37:04 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM050324.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 03 03:27:04 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.555  | 152  | 217      | 0.400 | ng/ul  | -0.02    |
| 4) Naphthalene-d8           | 10.336 | 136  | 725      | 0.400 | ng/ul  | -0.01    |
| 9) Acenaphthene-d10         | 14.196 | 164  | 479      | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 16.971 | 188  | 1073     | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.187 | 240  | 1111     | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.370 | 264  | 1510     | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.150  | 96   | 231      | 0.940 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.958 | 152  | 374      | 0.327 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.010 | 212  | 991      | 0.355 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.180  | 88   | 458      | 1.799 | ng/ul# | 76       |
| 5) Naphthalene              | 10.385 | 128  | 672      | 0.364 | ng/ul  | 98       |
| 7) 2-Methylnaphthalene      | 12.030 | 142  | 394      | 0.352 | ng/ul  | 97       |
| 8) 1-Methylnaphthalene      | 12.222 | 142  | 429      | 0.347 | ng/ul  | 90       |
| 10) Acenaphthylene          | 13.923 | 152  | 689      | 0.342 | ng/ul  | 99       |
| 11) Acenaphthene            | 14.260 | 153  | 529      | 0.355 | ng/ul  | 95       |
| 12) Fluorene                | 15.278 | 166  | 608      | 0.352 | ng/ul  | 94       |
| 14) Pentachlorophenol       | 16.655 | 266  | 130      | 0.680 | ng/ul# | 88       |
| 15) Phenanthrene            | 17.013 | 178  | 1000     | 0.375 | ng/ul  | 97       |
| 16) Anthracene              | 17.123 | 178  | 928      | 0.359 | ng/ul  | 99       |
| 19) Fluoranthene            | 19.038 | 202  | 1267     | 0.359 | ng/ul  | 96       |
| 20) Pyrene                  | 19.405 | 202  | 1366     | 0.364 | ng/ul  | 96       |
| 21) Benzo(a)anthracene      | 21.184 | 228  | 1113     | 0.343 | ng/ul  | 97       |
| 22) Chrysene                | 21.225 | 228  | 1725     | 0.376 | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 22.713 | 252  | 1615     | 0.384 | ng/ul  | 97       |
| 25) Benzo(k)fluoranthene    | 22.759 | 252  | 1937     | 0.372 | ng/ul  | 97       |
| 26) Benzo(a)pyrene          | 23.280 | 252  | 1666     | 0.357 | ng/ul  | 99       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.561 | 276  | 2351     | 0.366 | ng/ul# | 100      |
| 28) Dibenzo(a,h)anthracene  | 25.595 | 278  | 1882     | 0.367 | ng/ul  | 97       |
| 29) Benzo(g,h,i)perylene    | 26.229 | 276  | 2120     | 0.372 | ng/ul  | 97       |
| -----                       |        |      |          |       |        |          |

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

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