

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN062721\  
 Data File : BN015122.D  
 Acq On : 26 Jun 2021 18:48  
 Operator : CG/JU  
 Sample : PB137232BS  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SLCS232

Quant Time: Jun 27 06:42:07 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN062121.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jun 22 11:53:52 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.728  | 152  | 3899     | 0.400 | ng/ul  | -0.01    |
| 4) Naphthalene-d8           | 10.501 | 136  | 13363    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.354 | 164  | 6908     | 0.400 | ng/ul  | -0.01    |
| 13) Phenanthrene-d10        | 17.099 | 188  | 13759    | 0.400 | ng/ul  | -0.01    |
| 17) Chrysene-d12            | 21.295 | 240  | 12638    | 0.400 | ng/ul  | -0.02    |
| 23) Perylene-d12            | 23.540 | 264  | 10422    | 0.400 | ng/ul  | -0.03    |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.289  | 96   | 3104     | 0.706 | ng/ul  | -0.01    |
| 6) 2-Methylnaphthalene-d10  | 12.091 | 152  | 7284     | 0.347 | ng/ul  | -0.01    |
| 18) Fluoranthene-d10        | 19.133 | 212  | 14725    | 0.355 | ng/ul  | -0.01    |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.323  | 88   | 8144     | 1.715 | ng/ul# | 88       |
| 5) Naphthalene              | 10.545 | 128  | 14639    | 0.343 | ng/ul  | 100      |
| 7) 2-Methylnaphthalene      | 12.162 | 142  | 9613     | 0.345 | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.382 | 142  | 8891     | 0.330 | ng/ul  | 99       |
| 10) Acenaphthylene          | 14.068 | 152  | 12532    | 0.351 | ng/ul  | 100      |
| 11) Acenaphthene            | 14.415 | 153  | 9419     | 0.344 | ng/ul  | 98       |
| 12) Fluorene                | 15.405 | 166  | 10358    | 0.342 | ng/ul  | 99       |
| 14) Pentachlorophenol       | 16.749 | 266  | 2273     | 0.747 | ng/ul  | 99       |
| 15) Phenanthrene            | 17.142 | 178  | 17802    | 0.356 | ng/ul  | 99       |
| 16) Anthracene              | 17.230 | 178  | 15859    | 0.360 | ng/ul  | 100      |
| 19) Fluoranthene            | 19.161 | 202  | 20220    | 0.346 | ng/ul  | 98       |
| 20) Pyrene                  | 19.523 | 202  | 20699    | 0.353 | ng/ul  | 97       |
| 21) Benzo(a)anthracene      | 21.278 | 228  | 18562    | 0.396 | ng/ul  | 99       |
| 22) Chrysene                | 21.330 | 228  | 19954    | 0.356 | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 22.867 | 252  | 19250    | 0.395 | ng/ul  | 99       |
| 25) Benzo(k)fluoranthene    | 22.911 | 252  | 19280    | 0.351 | ng/ul  | 99       |
| 26) Benzo(a)pyrene          | 23.440 | 252  | 16355    | 0.400 | ng/ul  | 97       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.796 | 276  | 20450    | 0.414 | ng/ul# | 100      |
| 28) Dibenzo(a,h)anthracene  | 25.813 | 278  | 16195    | 0.418 | ng/ul  | 97       |
| 29) Benzo(g,h,i)perylene    | 26.484 | 276  | 17075    | 0.373 | ng/ul  | 100      |
| -----                       |        |      |          |       |        |          |

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

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