

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN062122\  
 Data File : BN020314.D  
 Acq On : 21 Jun 2022 19:04  
 Operator : CG/JU  
 Sample : PB145572BS  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SLCS572

Quant Time: Jun 22 00:08:44 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN061822.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 20 01:13:51 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.804  | 152  | 1271     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.584 | 136  | 4084     | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.418 | 164  | 2487     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.166 | 188  | 5766     | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.349 | 240  | 9197     | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.658 | 264  | 11421    | 0.400 | ng/ul  | #-0.01   |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.260  | 96   | 899      | 0.619 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.179 | 152  | 2383     | 0.353 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.192 | 212  | 7942     | 0.418 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       |        | Qvalue   |
| 2) 1,4-Dioxane              | 3.294  | 88   | 1931     | 1.382 | ng/ul# | 81       |
| 5) Naphthalene              | 10.634 | 128  | 4510     | 0.345 | ng/ul  | 98       |
| 7) 2-Methylnaphthalene      | 12.250 | 142  | 2697     | 0.319 | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.465 | 142  | 2938     | 0.353 | ng/ul  | 100      |
| 10) Acenaphthylene          | 14.141 | 152  | 4251     | 0.357 | ng/ul  | 99       |
| 11) Acenaphthene            | 14.483 | 153  | 3373     | 0.297 | ng/ul  | 98       |
| 12) Fluorene                | 15.473 | 166  | 3868     | 0.328 | ng/ul  | 99       |
| 14) Pentachlorophenol       | 16.833 | 266  | 815      | 0.736 | ng/ul  | 98       |
| 15) Phenanthrene            | 17.204 | 178  | 7220     | 0.346 | ng/ul  | 99       |
| 16) Anthracene              | 17.297 | 178  | 6164     | 0.349 | ng/ul  | 99       |
| 19) Fluoranthene            | 19.220 | 202  | 10054    | 0.271 | ng/ul  | 97       |
| 20) Pyrene                  | 19.583 | 202  | 10969    | 0.273 | ng/ul  | 100      |
| 21) Benzo(a)anthracene      | 21.334 | 228  | 11686    | 0.327 | ng/ul  | 100      |
| 22) Chrysene                | 21.387 | 228  | 13848    | 0.311 | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 22.959 | 252  | 17356    | 0.213 | ng/ul  | 99       |
| 25) Benzo(k)fluoranthene    | 23.003 | 252  | 17775    | 0.234 | ng/ul  | 99       |
| 26) Benzo(a)pyrene          | 23.558 | 252  | 17716    | 0.343 | ng/ul  | 95       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.029 | 276  | 24169    | 0.287 | ng/ul# | 99       |
| 28) Dibenzo(a,h)anthracene  | 26.042 | 278  | 19564    | 0.292 | ng/ul  | 100      |
| 29) Benzo(g,h,i)perylene    | 26.750 | 276  | 21899    | 0.295 | ng/ul  | 100      |
| -----                       |        |      |          |       |        |          |

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

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