

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN082123\  
 Data File : BN027066.D  
 Acq On : 23 Aug 2023 17:51  
 Operator : MA/JU  
 Sample : PB154938BS  
 Misc :  
 ALS Vial : 87 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SLCS938

Quant Time: Aug 24 01:39:05 2023  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN080323.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 23 02:28:27 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.093  | 152  | 6195     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.916 | 136  | 17759    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.722 | 164  | 11540    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.468 | 188  | 26627    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.641 | 240  | 21826    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 24.181 | 264  | 21074    | 0.400 | ng/ul  | # 0.00   |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.435  | 96   | 5391     | 0.733 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.489 | 152  | 11212    | 0.429 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.482 | 212  | 28661    | 0.416 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       |        | Qvalue   |
| 2) 1,4-Dioxane              | 3.473  | 88   | 11913    | 1.587 | ng/ul# | 95       |
| 5) Naphthalene              | 10.971 | 128  | 15531    | 0.309 | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 12.566 | 142  | 10665    | 0.351 | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.781 | 142  | 11915    | 0.374 | ng/ul  | 99       |
| 10) Acenaphthylene          | 14.449 | 152  | 17032    | 0.263 | ng/ul  | 99       |
| 11) Acenaphthene            | 14.782 | 153  | 13266    | 0.296 | ng/ul  | 99       |
| 12) Fluorene                | 15.762 | 166  | 15111    | 0.299 | ng/ul  | 99       |
| 14) Pentachlorophenol       | 17.092 | 266  | 3554     | 0.472 | ng/ul  | 100      |
| 15) Phenanthrene            | 17.510 | 178  | 25188    | 0.288 | ng/ul  | 100      |
| 16) Anthracene              | 17.603 | 178  | 21707    | 0.275 | ng/ul  | 100      |
| 19) Fluoranthene            | 19.515 | 202  | 29934    | 0.330 | ng/ul  | 98       |
| 20) Pyrene                  | 19.878 | 202  | 31033    | 0.321 | ng/ul  | 100      |
| 21) Benzo(a)anthracene      | 21.624 | 228  | 25831    | 0.298 | ng/ul  | 100      |
| 22) Chrysene                | 21.679 | 228  | 27227    | 0.318 | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 23.386 | 252  | 27336    | 0.343 | ng/ul  | 95       |
| 25) Benzo(k)fluoranthene    | 23.442 | 252  | 27272    | 0.347 | ng/ul# | 93       |
| 26) Benzo(a)pyrene          | 24.064 | 252  | 22276    | 0.310 | ng/ul# | 91       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.857 | 276  | 26160    | 0.278 | ng/ul# | 48       |
| 28) Dibenzo(a,h)anthracene  | 26.891 | 278  | 20638    | 0.275 | ng/ul  | 96       |
| 29) Benzo(g,h,i)perylene    | 27.702 | 276  | 21921    | 0.280 | ng/ul  | 98       |
| -----                       |        |      |          |       |        |          |

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

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