

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN082123\  
 Data File : BN027060.D  
 Acq On : 23 Aug 2023 12:30  
 Operator : MA/JU  
 Sample : PB154938BS  
 Misc :  
 ALS Vial : 81 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SLCS938

Quant Time: Aug 24 01:38:03 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  | 6752     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.922 | 136  | 22184    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.721 | 164  | 13626    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.468 | 188  | 28440    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.647 | 240  | 17561    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 24.185 | 264  | 15619    | 0.400 | ng/ul  | # 0.00   |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.435  | 96   | 6548     | 0.817 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.489 | 152  | 17422    | 0.534 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.483 | 212  | 34378    | 0.620 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       |        | Qvalue   |
| 2) 1,4-Dioxane              | 3.473  | 88   | 13209    | 1.614 | ng/ul# | 93       |
| 5) Naphthalene              | 10.971 | 128  | 22661    | 0.361 | ng/ul  | 100      |
| 7) 2-Methylnaphthalene      | 12.566 | 142  | 15509    | 0.408 | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.781 | 142  | 16984    | 0.427 | ng/ul  | 100      |
| 10) Acenaphthylene          | 14.448 | 152  | 22550    | 0.295 | ng/ul  | 100      |
| 11) Acenaphthene            | 14.782 | 153  | 17888    | 0.339 | ng/ul  | 98       |
| 12) Fluorene                | 15.767 | 166  | 19805    | 0.331 | ng/ul  | 98       |
| 14) Pentachlorophenol       | 17.097 | 266  | 3454     | 0.429 | ng/ul  | 99       |
| 15) Phenanthrene            | 17.510 | 178  | 31267    | 0.335 | ng/ul  | 100      |
| 16) Anthracene              | 17.603 | 178  | 26550    | 0.314 | ng/ul  | 99       |
| 19) Fluoranthene            | 19.515 | 202  | 33781    | 0.463 | ng/ul  | 99       |
| 20) Pyrene                  | 19.882 | 202  | 33973    | 0.436 | ng/ul  | 98       |
| 21) Benzo(a)anthracene      | 21.627 | 228  | 24401    | 0.349 | ng/ul  | 100      |
| 22) Chrysene                | 21.685 | 228  | 25307    | 0.367 | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 23.395 | 252  | 23195    | 0.393 | ng/ul  | 93       |
| 25) Benzo(k)fluoranthene    | 23.448 | 252  | 23361    | 0.401 | ng/ul# | 91       |
| 26) Benzo(a)pyrene          | 24.073 | 252  | 18918    | 0.355 | ng/ul# | 89       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.871 | 276  | 23908    | 0.343 | ng/ul# | 100      |
| 28) Dibenzo(a,h)anthracene  | 26.894 | 278  | 18708    | 0.337 | ng/ul  | 95       |
| 29) Benzo(g,h,i)perylene    | 27.706 | 276  | 20661    | 0.356 | ng/ul  | 97       |
| -----                       |        |      |          |       |        |          |

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

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