

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN082123\  
 Data File : BN027061.D  
 Acq On : 23 Aug 2023 13:07  
 Operator : MA/JU  
 Sample : PB154954BS  
 Misc :  
 ALS Vial : 82 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SLCS954

Quant Time: Aug 24 01:38:14 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  | 6636     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.922 | 136  | 21855    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.721 | 164  | 13266    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.468 | 188  | 27255    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.647 | 240  | 15993    | 0.400 | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 24.190 | 264  | 14136    | 0.400 | ng/ul  | # 0.01   |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.435  | 96   | 5355     | 0.680 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.495 | 152  | 13703    | 0.426 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.483 | 212  | 26026    | 0.515 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       |        | Qvalue   |
| 2) 1,4-Dioxane              | 3.473  | 88   | 11618    | 1.444 | ng/ul# | 93       |
| 5) Naphthalene              | 10.971 | 128  | 19167    | 0.310 | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 12.566 | 142  | 12979    | 0.347 | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.781 | 142  | 14329    | 0.366 | ng/ul  | 100      |
| 10) Acenaphthylene          | 14.448 | 152  | 18829    | 0.253 | ng/ul  | 99       |
| 11) Acenaphthene            | 14.781 | 153  | 15175    | 0.295 | ng/ul  | 99       |
| 12) Fluorene                | 15.767 | 166  | 16558    | 0.285 | ng/ul  | 99       |
| 14) Pentachlorophenol       | 17.097 | 266  | 2617     | 0.339 | ng/ul  | 99       |
| 15) Phenanthrene            | 17.510 | 178  | 25808    | 0.288 | ng/ul  | 99       |
| 16) Anthracene              | 17.603 | 178  | 21425    | 0.265 | ng/ul  | 99       |
| 19) Fluoranthene            | 19.515 | 202  | 27359    | 0.412 | ng/ul  | 97       |
| 20) Pyrene                  | 19.878 | 202  | 27594    | 0.389 | ng/ul  | 99       |
| 21) Benzo(a)anthracene      | 21.630 | 228  | 18845    | 0.296 | ng/ul  | 99       |
| 22) Chrysene                | 21.688 | 228  | 19917    | 0.317 | ng/ul  | 100      |
| 24) Benzo(b)fluoranthene    | 23.398 | 252  | 18601    | 0.348 | ng/ul  | 90       |
| 25) Benzo(k)fluoranthene    | 23.457 | 252  | 18495    | 0.351 | ng/ul# | 89       |
| 26) Benzo(a)pyrene          | 24.076 | 252  | 15149    | 0.314 | ng/ul# | 85       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.878 | 276  | 19194    | 0.304 | ng/ul# | 99       |
| 28) Dibenzo(a,h)anthracene  | 26.904 | 278  | 14841    | 0.295 | ng/ul  | 94       |
| 29) Benzo(g,h,i)perylene    | 27.709 | 276  | 16952    | 0.323 | ng/ul  | 97       |
| -----                       |        |      |          |       |        |          |

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

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