

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN081022\  
 Data File : BN021128.D  
 Acq On : 10 Aug 2022 22:08  
 Operator : CG/JU  
 Sample : PB146903BS  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SLCS903

Quant Time: Aug 11 02:20:18 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN080322.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Aug 09 23:10:06 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.793  | 152  | 3056     | 0.400 | ng/u1  | 0.01     |
| 4) Naphthalene-d8           | 10.585 | 136  | 10585    | 0.400 | ng/u1  | 0.00     |
| 9) Acenaphthene-d10         | 14.438 | 164  | 6010     | 0.400 | ng/u1  | 0.00     |
| 13) Phenanthrene-d10        | 17.193 | 188  | 11199    | 0.400 | ng/u1  | 0.00     |
| 17) Chrysene-d12            | 21.392 | 240  | 7664     | 0.400 | ng/u1  | -0.01    |
| 23) Perylene-d12            | 23.725 | 264  | 5654     | 0.400 | ng/u1  | -0.02    |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.198  | 96   | 2611     | 0.668 | ng/u1  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.186 | 152  | 5481     | 0.353 | ng/u1  | 0.00     |
| 18) Fluoranthene-d10        | 19.226 | 212  | 10230    | 0.432 | ng/u1  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.232  | 88   | 7009     | 1.740 | ng/u1  | 86       |
| 5) Naphthalene              | 10.635 | 128  | 9898     | 0.304 | ng/u1  | 98       |
| 7) 2-Methylnaphthalene      | 12.263 | 142  | 6035     | 0.306 | ng/u1  | 99       |
| 8) 1-Methylnaphthalene      | 12.477 | 142  | 6564     | 0.333 | ng/u1  | 99       |
| 10) Acenaphthylene          | 14.161 | 152  | 8492     | 0.302 | ng/u1  | 99       |
| 11) Acenaphthene            | 14.503 | 153  | 6964     | 0.300 | ng/u1  | 98       |
| 12) Fluorene                | 15.493 | 166  | 7488     | 0.295 | ng/u1  | 98       |
| 14) Pentachlorophenol       | 16.864 | 266  | 683      | 0.396 | ng/u1  | 99       |
| 15) Phenanthrene            | 17.231 | 178  | 11791    | 0.294 | ng/u1  | 99       |
| 16) Anthracene              | 17.328 | 178  | 9533     | 0.307 | ng/u1  | 100      |
| 19) Fluoranthene            | 19.259 | 202  | 12418    | 0.366 | ng/u1  | 99       |
| 20) Pyrene                  | 19.621 | 202  | 12739    | 0.364 | ng/u1  | 99       |
| 21) Benzo(a)anthracene      | 21.377 | 228  | 7769     | 0.311 | ng/u1  | 100      |
| 22) Chrysene                | 21.430 | 228  | 9923     | 0.301 | ng/u1  | 99       |
| 24) Benzo(b)fluoranthene    | 23.014 | 252  | 8095     | 0.309 | ng/u1  | 98       |
| 25) Benzo(k)fluoranthene    | 23.064 | 252  | 8654     | 0.313 | ng/u1  | 99       |
| 26) Benzo(a)pyrene          | 23.622 | 252  | 7494     | 0.314 | ng/u1# | 94       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.132 | 276  | 8064     | 0.283 | ng/u1# | 100      |
| 28) Dibenzo(a,h)anthracene  | 26.149 | 278  | 6397     | 0.284 | ng/u1  | 98       |
| 29) Benzo(g,h,i)perylene    | 26.867 | 276  | 7408     | 0.291 | ng/u1  | 99       |
| -----                       |        |      |          |       |        |          |

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

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