

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN122422\  
 Data File : BN023480.D  
 Acq On : 26 Dec 2022 11:16  
 Operator : CG/JU  
 Sample : PB149794BS  
 Misc :  
 ALS Vial : 117 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SLCS794

Quant Time: Dec 27 03:47:45 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN122122.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sun Dec 25 05:17:59 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.981  | 152  | 5637     | 0.400 | ng/u1  | 0.00     |
| 4) Naphthalene-d8           | 10.798 | 136  | 18562    | 0.400 | ng/u1  | 0.00     |
| 9) Acenaphthene-d10         | 14.635 | 164  | 10398    | 0.400 | ng/u1  | 0.00     |
| 13) Phenanthrene-d10        | 17.381 | 188  | 21739    | 0.400 | ng/u1  | 0.00     |
| 17) Chrysene-d12            | 21.570 | 240  | 12352    | 0.400 | ng/u1  | 0.00     |
| 23) Perylene-d12            | 24.013 | 264  | 9667     | 0.400 | ng/u1  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.340  | 96   | 3386     | 0.553 | ng/u1  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.387 | 152  | 9959     | 0.347 | ng/u1  | 0.00     |
| 18) Fluoranthene-d10        | 19.410 | 212  | 18075    | 0.405 | ng/u1  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.374  | 88   | 9282     | 1.481 | ng/u1  | 91       |
| 5) Naphthalene              | 10.847 | 128  | 19132    | 0.351 | ng/u1  | 100      |
| 7) 2-Methylnaphthalene      | 12.458 | 142  | 12060    | 0.346 | ng/u1  | 100      |
| 8) 1-Methylnaphthalene      | 12.678 | 142  | 12985    | 0.362 | ng/u1  | 100      |
| 10) Acenaphthylene          | 14.353 | 152  | 16164    | 0.351 | ng/u1  | 100      |
| 11) Acenaphthene            | 14.695 | 153  | 13386    | 0.345 | ng/u1  | 98       |
| 12) Fluorene                | 15.680 | 166  | 14712    | 0.337 | ng/u1  | 100      |
| 14) Pentachlorophenol       | 17.030 | 266  | 3103     | 0.514 | ng/u1  | 99       |
| 15) Phenanthrene            | 17.423 | 178  | 23890    | 0.338 | ng/u1  | 100      |
| 16) Anthracene              | 17.511 | 178  | 20537    | 0.350 | ng/u1  | 100      |
| 19) Fluoranthene            | 19.438 | 202  | 24731    | 0.413 | ng/u1  | 99       |
| 20) Pyrene                  | 19.800 | 202  | 24895    | 0.412 | ng/u1  | 99       |
| 21) Benzo(a)anthracene      | 21.552 | 228  | 18315    | 0.381 | ng/u1  | 100      |
| 22) Chrysene                | 21.608 | 228  | 18477    | 0.378 | ng/u1  | 100      |
| 24) Benzo(b)fluoranthene    | 23.265 | 252  | 16838    | 0.337 | ng/u1  | 97       |
| 25) Benzo(k)fluoranthene    | 23.312 | 252  | 16167    | 0.344 | ng/u1  | 98       |
| 26) Benzo(a)pyrene          | 23.902 | 252  | 13941    | 0.352 | ng/u1  | 95       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.561 | 276  | 17233    | 0.373 | ng/u1# | 100      |
| 28) Dibenzo(a,h)anthracene  | 26.584 | 278  | 13565    | 0.378 | ng/u1  | 99       |
| 29) Benzo(g,h,i)perylene    | 27.352 | 276  | 14533    | 0.386 | ng/u1  | 98       |
| -----                       |        |      |          |       |        |          |

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

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