

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN072522\  
 Data File : BN020891.D  
 Acq On : 27 Jul 2022 10:05  
 Operator : CG/JU  
 Sample : PB146440BS  
 Misc :  
 ALS Vial : 73 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SLCS440

Quant Time: Jul 27 18:03:10 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN072522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jul 25 18:06:54 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.817  | 152  | 2190     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.612 | 136  | 7680     | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.465 | 164  | 4831     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.217 | 188  | 10116    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.425 | 240  | 8431     | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.769 | 264  | 6814     | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.218  | 96   | 1952     | 0.742 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.212 | 152  | 4842     | 0.415 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.253 | 212  | 11149    | 0.414 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.252  | 88   | 4561     | 1.687 | ng/ul# | 80       |
| 5) Naphthalene              | 10.661 | 128  | 8085     | 0.336 | ng/ul  | 100      |
| 7) 2-Methylnaphthalene      | 12.284 | 142  | 5283     | 0.347 | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.503 | 142  | 5655     | 0.384 | ng/ul  | 100      |
| 10) Acenaphthylene          | 14.183 | 152  | 7831     | 0.326 | ng/ul  | 99       |
| 11) Acenaphthene            | 14.525 | 153  | 6360     | 0.327 | ng/ul  | 100      |
| 12) Fluorene                | 15.520 | 166  | 7143     | 0.335 | ng/ul  | 100      |
| 14) Pentachlorophenol       | 16.879 | 266  | 1246     | 0.818 | ng/ul  | 98       |
| 15) Phenanthrene            | 17.259 | 178  | 11769    | 0.317 | ng/ul  | 100      |
| 16) Anthracene              | 17.352 | 178  | 9849     | 0.332 | ng/ul  | 99       |
| 19) Fluoranthene            | 19.285 | 202  | 13457    | 0.341 | ng/ul  | 97       |
| 20) Pyrene                  | 19.648 | 202  | 13810    | 0.335 | ng/ul  | 99       |
| 21) Benzo(a)anthracene      | 21.410 | 228  | 9795     | 0.352 | ng/ul  | 99       |
| 22) Chrysene                | 21.460 | 228  | 12024    | 0.335 | ng/ul  | 100      |
| 24) Benzo(b)fluoranthene    | 23.056 | 252  | 10855    | 0.336 | ng/ul  | 98       |
| 25) Benzo(k)fluoranthene    | 23.105 | 252  | 11156    | 0.334 | ng/ul  | 98       |
| 26) Benzo(a)pyrene          | 23.667 | 252  | 9857     | 0.331 | ng/ul  | 95       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.200 | 276  | 10352    | 0.331 | ng/ul  | 97       |
| 28) Dibenzo(a,h)anthracene  | 26.216 | 278  | 8175     | 0.342 | ng/ul  | 98       |
| 29) Benzo(g,h,i)perylene    | 26.938 | 276  | 9265     | 0.328 | ng/ul  | 99       |
| -----                       |        |      |          |       |        |          |

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

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