

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN072324\  
 Data File : BN032934.D  
 Acq On : 24 Jul 2024 05:45  
 Operator : MA/JU  
 Sample : PB162058BS  
 Misc :  
 ALS Vial : 44 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SLCS058

Quant Time: Jul 24 06:14:55 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN071224.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Jul 20 01:52:15 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.527  | 152  | 5860     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.298 | 136  | 22865    | 0.400 | ng/ul  | -0.02    |
| 9) Acenaphthene-d10         | 14.182 | 164  | 12840    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 16.951 | 188  | 21237    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.166 | 240  | 17760    | 0.400 | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 23.361 | 264  | 21415    | 0.400 | ng/ul  | # 0.00   |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.089  | 96   | 3747     | 0.533 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.898 | 152  | 9177     | 0.266 | ng/ul  | -0.03    |
| 18) Fluoranthene-d10        | 18.993 | 212  | 14644    | 0.253 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.118  | 88   | 9797     | 1.222 | ng/ul  | 88       |
| 5) Naphthalene              | 10.347 | 128  | 15108    | 0.246 | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 11.975 | 142  | 9684     | 0.253 | ng/ul  | 98       |
| 8) 1-Methylnaphthalene      | 12.195 | 142  | 9714     | 0.245 | ng/ul  | 100      |
| 10) Acenaphthylene          | 13.905 | 152  | 15270    | 0.294 | ng/ul  | 99       |
| 11) Acenaphthene            | 14.242 | 153  | 10326    | 0.241 | ng/ul  | 98       |
| 12) Fluorene                | 15.246 | 166  | 10438    | 0.213 | ng/ul  | 99       |
| 14) Pentachlorophenol       | 16.630 | 266  | 2482     | 0.666 | ng/ul  | 99       |
| 15) Phenanthrene            | 16.993 | 178  | 13972    | 0.242 | ng/ul  | 96       |
| 16) Anthracene              | 17.086 | 178  | 13573    | 0.287 | ng/ul  | 96       |
| 19) Fluoranthene            | 19.021 | 202  | 17116    | 0.237 | ng/ul# | 93       |
| 20) Pyrene                  | 19.388 | 202  | 17474    | 0.234 | ng/ul# | 92       |
| 21) Benzo(a)anthracene      | 21.149 | 228  | 16856    | 0.298 | ng/ul# | 84       |
| 22) Chrysene                | 21.201 | 228  | 17100    | 0.209 | ng/ul# | 83       |
| 24) Benzo(b)fluoranthene    | 22.703 | 252  | 18266    | 0.242 | ng/ul# | 41       |
| 25) Benzo(k)fluoranthene    | 22.747 | 252  | 18116    | 0.197 | ng/ul# | 37       |
| 26) Benzo(a)pyrene          | 23.270 | 252  | 17746    | 0.271 | ng/ul# | 40       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.581 | 276  | 22989    | 0.260 | ng/ul# | 90       |
| 28) Dibenzo(a,h)anthracene  | 25.581 | 278  | 18314    | 0.267 | ng/ul# | 52       |
| 29) Benzo(g,h,i)perylene    | 26.265 | 276  | 18275    | 0.247 | ng/ul# | 53       |

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

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