

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN022824\  
 Data File : BN030146.D  
 Acq On : 29 Feb 2024 01:03  
 Operator : MA/JU  
 Sample : PB159328BS  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SLCS328

Quant Time: Feb 29 02:04:14 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN020624.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Feb 27 23:49:29 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.863  | 152  | 3440     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.661 | 136  | 13440    | 0.400 | ng/ul  | 0.01     |
| 9) Acenaphthene-d10         | 14.511 | 164  | 6010     | 0.400 | ng/ul  | 0.01     |
| 13) Phenanthrene-d10        | 17.268 | 188  | 9558     | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.464 | 240  | 6745     | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.831 | 264  | 5998     | 0.400 | ng/ul  | # 0.00   |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.323  | 96   | 4854     | 1.132 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.256 | 152  | 6881     | 0.402 | ng/ul  | 0.01     |
| 18) Fluoranthene-d10        | 19.295 | 212  | 9778     | 0.441 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       |        | Qvalue   |
| 2) 1,4-Dioxane              | 3.353  | 88   | 15209    | 3.257 | ng/ul# | 81       |
| 5) Naphthalene              | 10.711 | 128  | 15385    | 0.407 | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 12.333 | 142  | 8556     | 0.394 | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.547 | 142  | 8604     | 0.390 | ng/ul  | 99       |
| 10) Acenaphthylene          | 14.229 | 152  | 11542    | 0.394 | ng/ul  | 98       |
| 11) Acenaphthene            | 14.571 | 153  | 9165     | 0.411 | ng/ul  | 99       |
| 12) Fluorene                | 15.570 | 166  | 8882     | 0.381 | ng/ul  | 99       |
| 14) Pentachlorophenol       | 16.917 | 266  | 2242     | 1.052 | ng/ul# | 49       |
| 15) Phenanthrene            | 17.310 | 178  | 12102    | 0.405 | ng/ul  | 98       |
| 16) Anthracene              | 17.407 | 178  | 10499    | 0.418 | ng/ul  | 99       |
| 19) Fluoranthene            | 19.327 | 202  | 13295    | 0.429 | ng/ul  | 99       |
| 20) Pyrene                  | 19.690 | 202  | 14122    | 0.445 | ng/ul  | 98       |
| 21) Benzo(a)anthracene      | 21.449 | 228  | 9268     | 0.381 | ng/ul  | 98       |
| 22) Chrysene                | 21.499 | 228  | 11357    | 0.427 | ng/ul  | 100      |
| 24) Benzo(b)fluoranthene    | 23.109 | 252  | 10197    | 0.452 | ng/ul  | 97       |
| 25) Benzo(k)fluoranthene    | 23.159 | 252  | 12442    | 0.497 | ng/ul  | 98       |
| 26) Benzo(a)pyrene          | 23.726 | 252  | 9849     | 0.464 | ng/ul  | 95       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.298 | 276  | 11875    | 0.461 | ng/ul# | 100      |
| 28) Dibenzo(a,h)anthracene  | 26.339 | 278  | 9226     | 0.457 | ng/ul  | 90       |
| 29) Benzo(g,h,i)perylene    | 27.033 | 276  | 10794    | 0.462 | ng/ul  | 98       |
| -----                       |        |      |          |       |        |          |

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

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