

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN092424\  
 Data File : BN034212.D  
 Acq On : 24 Sep 2024 21:46  
 Operator : RC/JU  
 Sample : PB163544BS  
 Misc :  
 ALS Vial : 46 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SLCS544

Quant Time: Sep 24 23:21:44 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN082724.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Sep 23 19:39:10 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.419  | 152  | 5409     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.174 | 136  | 15328    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.069 | 164  | 8109     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 16.827 | 188  | 14395    | 0.400 | ng/ul  | # 0.00   |
| 17) Chrysene-d12            | 21.046 | 240  | 9208     | 0.400 | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 23.165 | 264  | 9318     | 0.400 | ng/ul  | # 0.00   |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.039  | 96   | 4869     | 0.876 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.780 | 152  | 8637     | 0.393 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 18.870 | 212  | 13509    | 0.492 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       |        | Qvalue   |
| 2) 1,4-Dioxane              | 3.069  | 88   | 14733    | 2.388 | ng/ul# | 77       |
| 5) Naphthalene              | 10.223 | 128  | 17077    | 0.417 | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 11.851 | 142  | 10662    | 0.411 | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.077 | 142  | 12850    | 0.481 | ng/ul  | 100      |
| 10) Acenaphthylene          | 13.782 | 152  | 13377    | 0.363 | ng/ul  | 100      |
| 11) Acenaphthene            | 14.134 | 153  | 11560    | 0.435 | ng/ul  | 98       |
| 12) Fluorene                | 15.129 | 166  | 12247    | 0.412 | ng/ul  | 99       |
| 14) Pentachlorophenol       | 16.485 | 266  | 1655     | 0.365 | ng/ul  | 99       |
| 15) Phenanthrene            | 16.869 | 178  | 17924    | 0.422 | ng/ul  | 100      |
| 16) Anthracene              | 16.962 | 178  | 14770    | 0.387 | ng/ul  | 100      |
| 19) Fluoranthene            | 18.898 | 202  | 17869    | 0.492 | ng/ul  | 95       |
| 20) Pyrene                  | 19.265 | 202  | 18367    | 0.476 | ng/ul  | 97       |
| 21) Benzo(a)anthracene      | 21.031 | 228  | 13691    | 0.378 | ng/ul  | 100      |
| 22) Chrysene                | 21.084 | 228  | 16486    | 0.450 | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 22.542 | 252  | 15172    | 0.419 | ng/ul  | 98       |
| 25) Benzo(k)fluoranthene    | 22.583 | 252  | 16570    | 0.458 | ng/ul  | 98       |
| 26) Benzo(a)pyrene          | 23.074 | 252  | 13348    | 0.460 | ng/ul  | 97       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.245 | 276  | 18340    | 0.420 | ng/ul# | 91       |
| 28) Dibenzo(a,h)anthracene  | 25.259 | 278  | 13980    | 0.413 | ng/ul  | 97       |
| 29) Benzo(g,h,i)perylene    | 25.876 | 276  | 15129    | 0.444 | ng/ul  | 97       |
| -----                       |        |      |          |       |        |          |

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

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