

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN090923\  
 Data File : BN027523.D  
 Acq On : 10 Sep 2023 04:23  
 Operator : MA/JU  
 Sample : PB155265BS  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SLCS265

Quant Time: Sep 10 05:06:38 2023  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN090123.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Sep 08 03:55:54 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.038  | 152  | 6953     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.861 | 136  | 22650    | 0.400 | ng/ul  | -0.01    |
| 9) Acenaphthene-d10         | 14.670 | 164  | 13715    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.422 | 188  | 30945    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.592 | 240  | 21166    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 24.097 | 264  | 18501    | 0.400 | ng/ul  | -0.01    |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.410  | 96   | 5742     | 0.621 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.440 | 152  | 13110    | 0.381 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.441 | 212  | 30168    | 0.416 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.443  | 88   | 14725    | 1.573 | ng/ul# | 84       |
| 5) Naphthalene              | 10.911 | 128  | 23164    | 0.353 | ng/ul  | 100      |
| 7) 2-Methylnaphthalene      | 12.511 | 142  | 15287    | 0.372 | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.731 | 142  | 16259    | 0.371 | ng/ul  | 100      |
| 10) Acenaphthylene          | 14.402 | 152  | 22305    | 0.355 | ng/ul  | 99       |
| 11) Acenaphthene            | 14.735 | 153  | 18224    | 0.337 | ng/ul  | 97       |
| 12) Fluorene                | 15.721 | 166  | 21213    | 0.350 | ng/ul  | 98       |
| 14) Pentachlorophenol       | 17.054 | 266  | 3383     | 0.561 | ng/ul  | 99       |
| 15) Phenanthrene            | 17.464 | 178  | 34776    | 0.345 | ng/ul  | 99       |
| 16) Anthracene              | 17.557 | 178  | 29968    | 0.374 | ng/ul  | 99       |
| 19) Fluoranthene            | 19.469 | 202  | 38026    | 0.391 | ng/ul  | 99       |
| 20) Pyrene                  | 19.836 | 202  | 38379    | 0.387 | ng/ul  | 97       |
| 21) Benzo(a)anthracene      | 21.574 | 228  | 31437    | 0.412 | ng/ul  | 99       |
| 22) Chrysene                | 21.630 | 228  | 31632    | 0.355 | ng/ul  | 100      |
| 24) Benzo(b)fluoranthene    | 23.319 | 252  | 29509    | 0.338 | ng/ul  | 96       |
| 25) Benzo(k)fluoranthene    | 23.369 | 252  | 28080    | 0.329 | ng/ul  | 97       |
| 26) Benzo(a)pyrene          | 23.983 | 252  | 23778    | 0.348 | ng/ul  | 96       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.743 | 276  | 28767    | 0.380 | ng/ul# | 94       |
| 28) Dibenzo(a,h)anthracene  | 26.760 | 278  | 23119    | 0.399 | ng/ul  | 97       |
| 29) Benzo(g,h,i)perylene    | 27.565 | 276  | 24376    | 0.356 | ng/ul  | 97       |
| -----                       |        |      |          |       |        |          |

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

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