

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN030422\  
 Data File : BN018840.D  
 Acq On : 04 Mar 2022 00:13  
 Operator : CG/JU  
 Sample : PB143071BS  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SLCS071

Quant Time: Mar 04 01:48:42 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN021822.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Feb 18 13:39:55 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.908  | 152  | 5034     | 0.400 | ng/ul  | -0.01    |
| 4) Naphthalene-d8           | 10.715 | 136  | 14320    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.542 | 164  | 8691     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.279 | 188  | 19033    | 0.400 | ng/ul  | #-0.01   |
| 17) Chrysene-d12            | 21.459 | 240  | 15338    | 0.400 | ng/ul  | #-0.01   |
| 23) Perylene-d12            | 23.850 | 264  | 11812    | 0.400 | ng/ul  | -0.02    |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.280  | 96   | 3617     | 0.633 | ng/ul  | -0.02    |
| 6) 2-Methylnaphthalene-d10  | 12.304 | 152  | 7468     | 0.381 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.308 | 212  | 19614    | 0.428 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       |        | Qvalue   |
| 2) 1,4-Dioxane              | 3.314  | 88   | 9536     | 1.628 | ng/ul# | 71       |
| 5) Naphthalene              | 10.765 | 128  | 13717    | 0.338 | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 12.376 | 142  | 9065     | 0.347 | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.596 | 142  | 9169     | 0.352 | ng/ul  | 99       |
| 10) Acenaphthylene          | 14.265 | 152  | 12767    | 0.326 | ng/ul  | 99       |
| 11) Acenaphthene            | 14.602 | 153  | 10533    | 0.336 | ng/ul  | 99       |
| 12) Fluorene                | 15.588 | 166  | 12286    | 0.364 | ng/ul  | 98       |
| 14) Pentachlorophenol       | 16.933 | 266  | 2059     | 0.530 | ng/ul  | 98       |
| 15) Phenanthrene            | 17.321 | 178  | 21965    | 0.351 | ng/ul  | 99       |
| 16) Anthracene              | 17.414 | 178  | 17617    | 0.315 | ng/ul  | 99       |
| 19) Fluoranthene            | 19.335 | 202  | 26105    | 0.405 | ng/ul# | 92       |
| 20) Pyrene                  | 19.698 | 202  | 26160    | 0.394 | ng/ul# | 93       |
| 21) Benzo(a)anthracene      | 21.444 | 228  | 20141    | 0.339 | ng/ul  | 100      |
| 22) Chrysene                | 21.494 | 228  | 25065    | 0.405 | ng/ul  | 100      |
| 24) Benzo(b)fluoranthene    | 23.122 | 252  | 22711    | 0.432 | ng/ul  | 95       |
| 25) Benzo(k)fluoranthene    | 23.171 | 252  | 22229    | 0.424 | ng/ul# | 96       |
| 26) Benzo(a)pyrene          | 23.744 | 252  | 19390    | 0.418 | ng/ul# | 92       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.336 | 276  | 20545    | 0.348 | ng/ul# | 78       |
| 28) Dibenzo(a,h)anthracene  | 26.353 | 278  | 16028    | 0.346 | ng/ul# | 92       |
| 29) Benzo(g,h,i)perylene    | 27.097 | 276  | 18046    | 0.357 | ng/ul# | 90       |

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

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