

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN071122\  
 Data File : BN020707.D  
 Acq On : 11 Jul 2022 17:52  
 Operator : CG/JU  
 Sample : PB146133BS  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SLCS133

Quant Time: Jul 12 01:42:59 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN062422.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Jul 02 00:47:40 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.825  | 152  | 4126     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.623 | 136  | 13191    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.474 | 164  | 6961     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.230 | 188  | 13179    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.436 | 240  | 8843     | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.786 | 264  | 6150     | 0.400 | ng/ul  | -0.01    |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.222  | 96   | 3358     | 0.703 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.223 | 152  | 6922     | 0.320 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.267 | 212  | 12488    | 0.428 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.256  | 88   | 8976     | 1.839 | ng/ul# | 79       |
| 5) Naphthalene              | 10.672 | 128  | 14021    | 0.344 | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 12.294 | 142  | 8248     | 0.303 | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.514 | 142  | 8824     | 0.341 | ng/ul  | 100      |
| 10) Acenaphthylene          | 14.196 | 152  | 11003    | 0.334 | ng/ul  | 99       |
| 11) Acenaphthene            | 14.539 | 153  | 9025     | 0.342 | ng/ul  | 99       |
| 12) Fluorene                | 15.529 | 166  | 9787     | 0.313 | ng/ul  | 97       |
| 14) Pentachlorophenol       | 16.896 | 266  | 1164     | 0.438 | ng/ul  | 98       |
| 15) Phenanthrene            | 17.268 | 178  | 15958    | 0.348 | ng/ul  | 100      |
| 16) Anthracene              | 17.365 | 178  | 12285    | 0.311 | ng/ul  | 99       |
| 19) Fluoranthene            | 19.295 | 202  | 16911    | 0.419 | ng/ul  | 98       |
| 20) Pyrene                  | 19.657 | 202  | 17099    | 0.408 | ng/ul  | 97       |
| 21) Benzo(a)anthracene      | 21.419 | 228  | 10537    | 0.332 | ng/ul  | 100      |
| 22) Chrysene                | 21.471 | 228  | 13747    | 0.389 | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 23.073 | 252  | 11327    | 0.398 | ng/ul  | 98       |
| 25) Benzo(k)fluoranthene    | 23.120 | 252  | 11932    | 0.415 | ng/ul  | 99       |
| 26) Benzo(a)pyrene          | 23.684 | 252  | 9650     | 0.373 | ng/ul  | 95       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.223 | 276  | 10608    | 0.412 | ng/ul# | 98       |
| 28) Dibenzo(a,h)anthracene  | 26.243 | 278  | 8372     | 0.403 | ng/ul  | 98       |
| 29) Benzo(g,h,i)perylene    | 26.968 | 276  | 9789     | 0.443 | ng/ul  | 99       |
| -----                       |        |      |          |       |        |          |

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

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