

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM111921\  
 Data File : BM033200.D  
 Acq On : 20 Nov 2021 06:13  
 Operator : CG/JU  
 Sample : PB140884BS  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SLCS884

Quant Time: Nov 20 07:00:01 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM111921.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Nov 19 15:41:12 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.960  | 152  | 2561     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.756 | 136  | 7084     | 0.400 | ng/ul  | # 0.00   |
| 9) Acenaphthene-d10         | 14.576 | 164  | 4361     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.313 | 188  | 9559     | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.468 | 240  | 7603     | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.808 | 264  | 6082     | 0.400 | ng/ul  | # 0.00   |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.417  | 96   | 1730     | 0.718 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.339 | 152  | 4004     | 0.408 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.327 | 212  | 9795     | 0.445 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       |        | Qvalue   |
| 2) 1,4-Dioxane              | 3.448  | 88   | 4961     | 1.832 | ng/ul  | 91       |
| 5) Naphthalene              | 10.805 | 128  | 8441     | 0.384 | ng/ul  | 98       |
| 7) 2-Methylnaphthalene      | 12.411 | 142  | 5626     | 0.396 | ng/ul  | 97       |
| 8) 1-Methylnaphthalene      | 12.631 | 142  | 5436     | 0.387 | ng/ul  | 100      |
| 10) Acenaphthylene          | 14.299 | 152  | 7977     | 0.391 | ng/ul# | 99       |
| 11) Acenaphthene            | 14.637 | 153  | 6417     | 0.384 | ng/ul  | 97       |
| 12) Fluorene                | 15.623 | 166  | 7345     | 0.389 | ng/ul  | 97       |
| 14) Pentachlorophenol       | 16.959 | 266  | 1891     | 0.593 | ng/ul  | 98       |
| 15) Phenanthrene            | 17.355 | 178  | 12014    | 0.346 | ng/ul  | 100      |
| 16) Anthracene              | 17.445 | 178  | 10710    | 0.382 | ng/ul  | 100      |
| 19) Fluoranthene            | 19.357 | 202  | 13840    | 0.378 | ng/ul  | 99       |
| 20) Pyrene                  | 19.720 | 202  | 13920    | 0.383 | ng/ul  | 97       |
| 21) Benzo(a)anthracene      | 21.451 | 228  | 11204    | 0.413 | ng/ul  | 99       |
| 22) Chrysene                | 21.502 | 228  | 12455    | 0.417 | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 23.098 | 252  | 11977    | 0.435 | ng/ul  | 99       |
| 25) Benzo(k)fluoranthene    | 23.142 | 252  | 11708    | 0.431 | ng/ul  | 98       |
| 26) Benzo(a)pyrene          | 23.701 | 252  | 9606     | 0.421 | ng/ul  | 99       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.199 | 276  | 11612    | 0.404 | ng/ul# | 89       |
| 28) Dibenzo(a,h)anthracene  | 26.216 | 278  | 9236     | 0.402 | ng/ul  | 96       |
| 29) Benzo(g,h,i)perylene    | 26.931 | 276  | 10370    | 0.401 | ng/ul  | 95       |
| -----                       |        |      |          |       |        |          |

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

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