

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM021725\  
 Data File : BM049671.D  
 Acq On : 17 Feb 2025 18:42  
 Operator : RC/JU  
 Sample : PB166630BS  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SLCS630

Quant Time: Feb 19 11:32:08 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM021225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Feb 12 16:40:36 2025  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.809  | 152  | 7182     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.600 | 136  | 19384    | 0.400 | ng/ul  | -0.01    |
| 9) Acenaphthene-d10         | 14.446 | 164  | 11072    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.187 | 188  | 21594    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.362 | 240  | 17131    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.648 | 264  | 17943    | 0.400 | ng/ul  | # 0.00   |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.253  | 96   | 6438     | 0.797 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.195 | 152  | 12822    | 0.481 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.215 | 212  | 24652    | 0.473 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       |        | Qvalue   |
| 2) 1,4-Dioxane              | 3.286  | 88   | 17458    | 1.999 | ng/ul# | 83       |
| 5) Naphthalene              | 10.650 | 128  | 20968    | 0.436 | ng/ul  | 100      |
| 7) 2-Methylnaphthalene      | 12.266 | 142  | 13631    | 0.436 | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.486 | 142  | 13947    | 0.440 | ng/ul  | 100      |
| 10) Acenaphthylene          | 14.163 | 152  | 20051    | 0.426 | ng/ul  | 99       |
| 11) Acenaphthene            | 14.510 | 153  | 14612    | 0.427 | ng/ul  | 100      |
| 12) Fluorene                | 15.496 | 166  | 16610    | 0.424 | ng/ul  | 99       |
| 14) Pentachlorophenol       | 16.841 | 266  | 4052     | 0.916 | ng/ul  | 98       |
| 15) Phenanthrene            | 17.229 | 178  | 26326    | 0.456 | ng/ul  | 99       |
| 16) Anthracene              | 17.318 | 178  | 24167    | 0.457 | ng/ul  | 99       |
| 19) Fluoranthene            | 19.242 | 202  | 29838    | 0.422 | ng/ul  | 100      |
| 20) Pyrene                  | 19.605 | 202  | 31202    | 0.427 | ng/ul  | 99       |
| 21) Benzo(a)anthracene      | 21.348 | 228  | 26665    | 0.455 | ng/ul  | 100      |
| 22) Chrysene                | 21.400 | 228  | 28291    | 0.455 | ng/ul  | 100      |
| 24) Benzo(b)fluoranthene    | 22.961 | 252  | 28147    | 0.471 | ng/ul  | 98       |
| 25) Benzo(k)fluoranthene    | 23.005 | 252  | 30432    | 0.452 | ng/ul  | 98       |
| 26) Benzo(a)pyrene          | 23.548 | 252  | 25752    | 0.477 | ng/ul  | 98       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.970 | 276  | 36294    | 0.475 | ng/ul# | 99       |
| 28) Dibenzo(a,h)anthracene  | 25.990 | 278  | 28126    | 0.484 | ng/ul  | 99       |
| 29) Benzo(g,h,i)perylene    | 26.681 | 276  | 29695    | 0.484 | ng/ul  | 99       |
| -----                       |        |      |          |       |        |          |

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

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