

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM071524\  
 Data File : BM046650.D  
 Acq On : 17 Jul 2024 01:38  
 Operator : MA/JU  
 Sample : PB162023BS  
 Misc :  
 ALS Vial : 62 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SLCS023

Quant Time: Jul 17 02:34:24 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM071024.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jul 15 08:57:27 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.497  | 152  | 2355     | 0.400 | ng/ul  | -0.01    |
| 4) Naphthalene-d8           | 10.260 | 136  | 6240     | 0.400 | ng/ul  | # 0.00   |
| 9) Acenaphthene-d10         | 14.141 | 164  | 4254     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 16.896 | 188  | 9592     | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.102 | 240  | 7865     | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.241 | 264  | 9240     | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.113  | 96   | 1113     | 0.575 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.855 | 152  | 4096     | 0.407 | ng/ul  | -0.01    |
| 18) Fluoranthene-d10        | 18.932 | 212  | 9990     | 0.417 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       |        | Qvalue   |
| 2) 1,4-Dioxane              | 3.143  | 88   | 2998     | 1.452 | ng/ul# | 73       |
| 5) Naphthalene              | 10.304 | 128  | 6113     | 0.385 | ng/ul  | 98       |
| 7) 2-Methylnaphthalene      | 11.932 | 142  | 4388     | 0.393 | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.157 | 142  | 4368     | 0.384 | ng/ul  | 99       |
| 10) Acenaphthylene          | 13.859 | 152  | 7251     | 0.374 | ng/ul  | 98       |
| 11) Acenaphthene            | 14.206 | 153  | 5071     | 0.391 | ng/ul  | 97       |
| 12) Fluorene                | 15.201 | 166  | 6086     | 0.379 | ng/ul  | 95       |
| 14) Pentachlorophenol       | 16.554 | 266  | 3022     | 0.622 | ng/ul  | 98       |
| 15) Phenanthrene            | 16.934 | 178  | 10125    | 0.370 | ng/ul  | 99       |
| 16) Anthracene              | 17.027 | 178  | 9831     | 0.368 | ng/ul  | 99       |
| 19) Fluoranthene            | 18.965 | 202  | 12532    | 0.388 | ng/ul  | 98       |
| 20) Pyrene                  | 19.327 | 202  | 13159    | 0.376 | ng/ul  | 98       |
| 21) Benzo(a)anthracene      | 21.084 | 228  | 12633    | 0.363 | ng/ul  | 99       |
| 22) Chrysene                | 21.137 | 228  | 12061    | 0.358 | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 22.607 | 252  | 13461    | 0.365 | ng/ul  | 98       |
| 25) Benzo(k)fluoranthene    | 22.648 | 252  | 13333    | 0.368 | ng/ul  | 99       |
| 26) Benzo(a)pyrene          | 23.148 | 252  | 12106    | 0.399 | ng/ul  | 98       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.360 | 276  | 16851    | 0.365 | ng/ul# | 100      |
| 28) Dibenzo(a,h)anthracene  | 25.376 | 278  | 13135    | 0.359 | ng/ul  | 99       |
| 29) Benzo(g,h,i)perylene    | 25.997 | 276  | 13102    | 0.355 | ng/ul  | 99       |
| -----                       |        |      |          |       |        |          |

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

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM071024.M  
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