

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM070524\  
 Data File : BM046426.D  
 Acq On : 06 Jul 2024 19:28  
 Operator : MA/JU  
 Sample : PB161679BS  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SLCS679

Quant Time: Jul 08 00:50:21 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM070524.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 05 16:01:25 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|--------|------|----------|-------|---------|----------|
| -----                       |        |      |          |       |         |          |
| Internal Standards          |        |      |          |       |         |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.535  | 152  | 11853    | 0.400 | ng/ul   | 0.00     |
| 4) Naphthalene-d8           | 10.299 | 136  | 35115    | 0.400 | ng/ul # | 0.00     |
| 9) Acenaphthene-d10         | 14.178 | 164  | 21537    | 0.400 | ng/ul   | 0.00     |
| 13) Phenanthrene-d10        | 16.930 | 188  | 38801    | 0.400 | ng/ul   | 0.00     |
| 17) Chrysene-d12            | 21.137 | 240  | 17455    | 0.400 | ng/ul   | 0.00     |
| 23) Perylene-d12            | 23.291 | 264  | 17451    | 0.400 | ng/ul # | 0.00     |
| System Monitoring Compounds |        |      |          |       |         |          |
| 3) 1,4-Dioxane-d8           | 3.130  | 96   | 4441     | 0.363 | ng/ul   | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.899 | 152  | 18168    | 0.350 | ng/ul   | 0.00     |
| 18) Fluoranthene-d10        | 18.969 | 212  | 25470    | 0.417 | ng/ul   | 0.00     |
| Target Compounds            |        |      |          |       |         |          |
|                             |        |      |          |       | Qvalue  |          |
| 2) 1,4-Dioxane              | 3.164  | 88   | 12309    | 0.888 | ng/ul#  | 91       |
| 5) Naphthalene              | 10.348 | 128  | 30429    | 0.326 | ng/ul   | 99       |
| 7) 2-Methylnaphthalene      | 11.976 | 142  | 21039    | 0.334 | ng/ul   | 99       |
| 8) 1-Methylnaphthalene      | 12.196 | 142  | 20386    | 0.314 | ng/ul   | 99       |
| 10) Acenaphthylene          | 13.891 | 152  | 36345    | 0.333 | ng/ul   | 99       |
| 11) Acenaphthene            | 14.238 | 153  | 23413    | 0.329 | ng/ul   | 97       |
| 12) Fluorene                | 15.233 | 166  | 26658    | 0.317 | ng/ul   | 100      |
| 14) Pentachlorophenol       | 16.584 | 266  | 7851     | 0.694 | ng/ul   | 99       |
| 15) Phenanthrene            | 16.972 | 178  | 37445    | 0.322 | ng/ul   | 99       |
| 16) Anthracene              | 17.061 | 178  | 36957    | 0.328 | ng/ul   | 99       |
| 19) Fluoranthene            | 18.997 | 202  | 36084    | 0.409 | ng/ul   | 98       |
| 20) Pyrene                  | 19.360 | 202  | 35567    | 0.392 | ng/ul#  | 95       |
| 21) Benzo(a)anthracene      | 21.119 | 228  | 27736    | 0.356 | ng/ul   | 99       |
| 22) Chrysene                | 21.169 | 228  | 26005    | 0.335 | ng/ul   | 99       |
| 24) Benzo(b)fluoranthene    | 22.653 | 252  | 25228    | 0.340 | ng/ul   | 95       |
| 25) Benzo(k)fluoranthene    | 22.694 | 252  | 24079    | 0.322 | ng/ul#  | 94       |
| 26) Benzo(a)pyrene          | 23.197 | 252  | 22394    | 0.382 | ng/ul#  | 92       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.433 | 276  | 28185    | 0.356 | ng/ul#  | 95       |
| 28) Dibenzo(a,h)anthracene  | 25.453 | 278  | 22358    | 0.365 | ng/ul   | 97       |
| 29) Benzo(g,h,i)perylene    | 26.081 | 276  | 22984    | 0.364 | ng/ul   | 97       |
| -----                       |        |      |          |       |         |          |

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

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