

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM040522\  
 Data File : BM034503.D  
 Acq On : 05 Apr 2022 15:34  
 Operator : CG/JU  
 Sample : PB143864BS  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SLCS864

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 04/06/2022  
 Supervised By :Yogesh Patel 04/09/2022

Quant Time: Apr 06 01:40:02 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM040422.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 05 11:50:53 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|--------|------|----------|-------|---------|----------|
| -----                       |        |      |          |       |         |          |
| Internal Standards          |        |      |          |       |         |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.937  | 152  | 2250     | 0.400 | ng/ul   | 0.00     |
| 4) Naphthalene-d8           | 10.746 | 136  | 7317     | 0.400 | ng/ul # | 0.01     |
| 9) Acenaphthene-d10         | 14.564 | 164  | 3406     | 0.400 | ng/ul   | 0.00     |
| 13) Phenanthrene-d10        | 17.316 | 188  | 4579     | 0.400 | ng/ul   | 0.00     |
| 17) Chrysene-d12            | 21.507 | 240  | 4160     | 0.400 | ng/ul # | 0.01     |
| 23) Perylene-d12            | 23.904 | 264  | 3531     | 0.400 | ng/ul # | 0.00     |
| System Monitoring Compounds |        |      |          |       |         |          |
| 3) 1,4-Dioxane-d8           | 3.296  | 96   | 2555     | 0.678 | ng/ul   | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.346 | 152  | 2881     | 0.300 | ng/ul   | 0.01     |
| 18) Fluoranthene-d10        | 19.343 | 212  | 4494     | 0.368 | ng/ul   | 0.00     |
| Target Compounds            |        |      |          |       |         |          |
|                             |        |      |          |       | Qvalue  |          |
| 2) 1,4-Dioxane              | 3.330  | 88   | 6649     | 1.769 | ng/ul#  | 81       |
| 5) Naphthalene              | 10.796 | 128  | 6202     | 0.271 | ng/ul   | 94       |
| 7) 2-Methylnaphthalene      | 12.418 | 142  | 3401     | 0.272 | ng/ul   | 98       |
| 8) 1-Methylnaphthalene      | 12.621 | 142  | 3536     | 0.281 | ng/ul   | 98       |
| 10) Acenaphthylene          | 14.287 | 152  | 5631     | 0.357 | ng/ul   | 93       |
| 11) Acenaphthene            | 14.624 | 153  | 4135     | 0.324 | ng/ul   | 96       |
| 12) Fluorene                | 15.624 | 166  | 3893     | 0.296 | ng/ul   | 99       |
| 14) Pentachlorophenol       | 16.982 | 266  | 1227     | 0.632 | ng/ul   | 96       |
| 15) Phenanthrene            | 17.358 | 178  | 4986     | 0.335 | ng/ul   | 98       |
| 16) Anthracene              | 17.468 | 178  | 3134     | 0.278 | ng/ul   | 98       |
| 19) Fluoranthene            | 19.376 | 202  | 5958     | 0.341 | ng/ul#  | 95       |
| 20) Pyrene                  | 19.733 | 202  | 7169     | 0.351 | ng/ul#  | 92       |
| 21) Benzo(a)anthracene      | 21.495 | 228  | 2467m    | 0.273 | ng/ul   |          |
| 22) Chrysene                | 21.536 | 228  | 3643     | 0.340 | ng/ul   | 99       |
| 24) Benzo(b)fluoranthene    | 23.167 | 252  | 3123m    | 0.270 | ng/ul   |          |
| 25) Benzo(k)fluoranthene    | 23.219 | 252  | 3698m    | 0.359 | ng/ul   |          |
| 26) Benzo(a)pyrene          | 23.807 | 252  | 4684     | 0.347 | ng/ul#  | 57       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.432 | 276  | 5174     | 0.319 | ng/ul#  | 57       |
| 28) Dibenzo(a,h)anthracene  | 26.478 | 278  | 3879     | 0.328 | ng/ul#  | 53       |
| 29) Benzo(g,h,i)perylene    | 27.176 | 276  | 6008     | 0.342 | ng/ul#  | 93       |
| -----                       |        |      |          |       |         |          |

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

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