

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM111324\  
 Data File : BM048676.D  
 Acq On : 14 Nov 2024 17:21  
 Operator : RC/JU  
 Sample : PB164903BS  
 Misc :  
 ALS Vial : 56 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SLCS903

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 11/15/2024  
 Supervised By :mohammad ahmed 11/15/2024

Quant Time: Nov 14 17:50:10 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM110624.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Nov 13 11:38:55 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.737  | 152  | 3183m    | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.497 | 136  | 10396    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.322 | 164  | 6242     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.082 | 188  | 11374    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.266 | 240  | 10273    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.484 | 264  | 10824    | 0.400 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.122  | 96   | 3443     | 0.897 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.103 | 152  | 5447     | 0.405 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.109 | 212  | 12732    | 0.441 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.156  | 88   | 7791     | 1.765 | ng/ul# | 63       |
| 5) Naphthalene              | 10.546 | 128  | 9816     | 0.377 | ng/ul  | 96       |
| 7) 2-Methylnaphthalene      | 12.180 | 142  | 5637     | 0.344 | ng/ul  | 95       |
| 8) 1-Methylnaphthalene      | 12.378 | 142  | 6350     | 0.378 | ng/ul  | 99       |
| 10) Acenaphthylene          | 14.049 | 152  | 8982     | 0.379 | ng/ul  | 98       |
| 11) Acenaphthene            | 14.387 | 153  | 7156     | 0.377 | ng/ul  | 99       |
| 12) Fluorene                | 15.395 | 166  | 7665     | 0.372 | ng/ul  | 99       |
| 14) Pentachlorophenol       | 16.753 | 266  | 2271     | 0.544 | ng/ul  | 97       |
| 15) Phenanthrene            | 17.125 | 178  | 11287    | 0.378 | ng/ul  | 99       |
| 16) Anthracene              | 17.234 | 178  | 10347    | 0.372 | ng/ul  | 97       |
| 19) Fluoranthene            | 19.137 | 202  | 15056    | 0.396 | ng/ul  | 99       |
| 20) Pyrene                  | 19.500 | 202  | 16501    | 0.400 | ng/ul  | 99       |
| 21) Benzo(a)anthracene      | 21.257 | 228  | 10529    | 0.313 | ng/ul  | 99       |
| 22) Chrysene                | 21.301 | 228  | 18516    | 0.459 | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 22.814 | 252  | 14202    | 0.421 | ng/ul  | 96       |
| 25) Benzo(k)fluoranthene    | 22.861 | 252  | 17959    | 0.454 | ng/ul  | 96       |
| 26) Benzo(a)pyrene          | 23.390 | 252  | 13865    | 0.421 | ng/ul  | 96       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.756 | 276  | 16875    | 0.367 | ng/ul# | 98       |
| 28) Dibenzo(a,h)anthracene  | 25.769 | 278  | 12395    | 0.346 | ng/ul  | 98       |
| 29) Benzo(g,h,i)perylene    | 26.430 | 276  | 15152    | 0.393 | ng/ul  | 98       |
| -----                       |        |      |          |       |        |          |

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

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