

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM121123\  
 Data File : BM043271.D  
 Acq On : 12 Dec 2023 19:35  
 Operator : MA/JU  
 Sample : PB157681BS  
 Misc :  
 ALS Vial : 45 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SLCS681

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 12/14/2023  
 Supervised By :mohammad ahmed 12/14/2023

Quant Time: Dec 12 22:53:06 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM121123.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Dec 11 16:25:39 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.005  | 152  | 10713    | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.812 | 136  | 33823    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.629 | 164  | 18551    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.367 | 188  | 37169    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.533 | 240  | 20159    | 0.400 | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 23.950 | 264  | 19278    | 0.400 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.406  | 96   | 8409     | 0.621 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.396 | 152  | 15506    | 0.324 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.385 | 212  | 24918    | 0.346 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.440  | 88   | 25837    | 1.903 | ng/ul# | 84       |
| 5) Naphthalene              | 10.862 | 128  | 32838    | 0.323 | ng/ul  | 100      |
| 7) 2-Methylnaphthalene      | 12.467 | 142  | 20865    | 0.318 | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.682 | 142  | 20294    | 0.308 | ng/ul  | 100      |
| 10) Acenaphthylene          | 14.351 | 152  | 31681    | 0.310 | ng/ul  | 99       |
| 11) Acenaphthene            | 14.689 | 153  | 23700    | 0.319 | ng/ul  | 99       |
| 12) Fluorene                | 15.675 | 166  | 26187    | 0.311 | ng/ul  | 98       |
| 14) Pentachlorophenol       | 17.012 | 266  | 5656     | 0.687 | ng/ul  | 98       |
| 15) Phenanthrene            | 17.409 | 178  | 40300    | 0.325 | ng/ul  | 99       |
| 16) Anthracene              | 17.502 | 178  | 36026    | 0.320 | ng/ul  | 100      |
| 19) Fluoranthene            | 19.417 | 202  | 39090    | 0.344 | ng/ul  | 97       |
| 20) Pyrene                  | 19.775 | 202  | 38816    | 0.344 | ng/ul  | 96       |
| 21) Benzo(a)anthracene      | 21.518 | 228  | 29926    | 0.338 | ng/ul  | 99       |
| 22) Chrysene                | 21.571 | 228  | 31796    | 0.340 | ng/ul  | 100      |
| 24) Benzo(b)fluoranthene    | 23.211 | 252  | 28369    | 0.324 | ng/ul  | 97       |
| 25) Benzo(k)fluoranthene    | 23.263 | 252  | 30424m   | 0.335 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.842 | 252  | 23685    | 0.328 | ng/ul  | 96       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.465 | 276  | 28175    | 0.343 | ng/ul# | 92       |
| 28) Dibenzo(a,h)anthracene  | 26.495 | 278  | 22641    | 0.348 | ng/ul  | 98       |
| 29) Benzo(g,h,i)perylene    | 27.233 | 276  | 24030    | 0.343 | ng/ul  | 97       |

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

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