

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM121123\  
 Data File : BM043230.D  
 Acq On : 11 Dec 2023 17:46  
 Operator : MA/JU  
 Sample : PB157624BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SLCS624

Quant Time: Dec 11 18:21:51 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   | 8.009  | 152  | 11306    | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.812 | 136  | 32872    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.629 | 164  | 18649    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.371 | 188  | 39681    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.536 | 240  | 22906    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.953 | 264  | 21075    | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.406  | 96   | 7676     | 0.537 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.396 | 152  | 13060    | 0.280 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.389 | 212  | 23530    | 0.288 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.439  | 88   | 22478    | 1.569 | ng/ul# | 85       |
| 5) Naphthalene              | 10.867 | 128  | 27211    | 0.275 | ng/ul  | 100      |
| 7) 2-Methylnaphthalene      | 12.473 | 142  | 17436    | 0.273 | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.687 | 142  | 16989    | 0.265 | ng/ul  | 100      |
| 10) Acenaphthylene          | 14.351 | 152  | 27491    | 0.268 | ng/ul  | 100      |
| 11) Acenaphthene            | 14.694 | 153  | 20259    | 0.271 | ng/ul  | 99       |
| 12) Fluorene                | 15.674 | 166  | 22933    | 0.271 | ng/ul  | 99       |
| 14) Pentachlorophenol       | 17.012 | 266  | 4564     | 0.519 | ng/ul  | 99       |
| 15) Phenanthrene            | 17.413 | 178  | 36223    | 0.274 | ng/ul  | 100      |
| 16) Anthracene              | 17.502 | 178  | 32334    | 0.269 | ng/ul  | 99       |
| 19) Fluoranthene            | 19.417 | 202  | 36304    | 0.281 | ng/ul  | 98       |
| 20) Pyrene                  | 19.780 | 202  | 36136    | 0.282 | ng/ul  | 98       |
| 21) Benzo(a)anthracene      | 21.521 | 228  | 28635    | 0.285 | ng/ul  | 99       |
| 22) Chrysene                | 21.574 | 228  | 30914    | 0.291 | ng/ul  | 100      |
| 24) Benzo(b)fluoranthene    | 23.216 | 252  | 27293    | 0.285 | ng/ul  | 100      |
| 25) Benzo(k)fluoranthene    | 23.266 | 252  | 29136    | 0.294 | ng/ul  | 98       |
| 26) Benzo(a)pyrene          | 23.845 | 252  | 22906    | 0.290 | ng/ul  | 99       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.475 | 276  | 25601    | 0.285 | ng/ul# | 99       |
| 28) Dibenzo(a,h)anthracene  | 26.505 | 278  | 20321    | 0.285 | ng/ul  | 99       |
| 29) Benzo(g,h,i)perylene    | 27.246 | 276  | 21800    | 0.284 | ng/ul  | 99       |
| -----                       |        |      |          |       |        |          |

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

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