

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM071123\  
 Data File : BM040811.D  
 Acq On : 11 Jul 2023 14:02  
 Operator : MA/JU  
 Sample : PB153963BS  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SLCS963

Quant Time: Jul 12 04:33:48 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM062223.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jul 11 03:54:24 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.882  | 152  | 3681     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.691 | 136  | 13273    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.532 | 164  | 5338     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.291 | 188  | 8111     | 0.400 | ng/ul  | # 0.00   |
| 17) Chrysene-d12            | 21.483 | 240  | 5924     | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.874 | 264  | 4458     | 0.400 | ng/ul  | # 0.00   |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.301  | 96   | 4234     | 0.732 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.286 | 152  | 5903     | 0.317 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.320 | 212  | 6563     | 0.346 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.334  | 88   | 9127     | 1.551 | ng/ul  | 90       |
| 5) Naphthalene              | 10.741 | 128  | 11148    | 0.305 | ng/ul  | 98       |
| 7) 2-Methylnaphthalene      | 12.357 | 142  | 6046     | 0.281 | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.577 | 142  | 5773     | 0.269 | ng/ul  | 97       |
| 10) Acenaphthylene          | 14.259 | 152  | 6940     | 0.291 | ng/ul  | 95       |
| 11) Acenaphthene            | 14.597 | 153  | 5994     | 0.298 | ng/ul  | 97       |
| 12) Fluorene                | 15.591 | 166  | 6042     | 0.281 | ng/ul  | 98       |
| 14) Pentachlorophenol       | 16.949 | 266  | 475      | 0.304 | ng/ul  | 94       |
| 15) Phenanthrene            | 17.333 | 178  | 7344     | 0.291 | ng/ul  | 95       |
| 16) Anthracene              | 17.426 | 178  | 6613     | 0.312 | ng/ul# | 93       |
| 19) Fluoranthene            | 19.352 | 202  | 7454     | 0.296 | ng/ul  | 96       |
| 20) Pyrene                  | 19.715 | 202  | 8077     | 0.299 | ng/ul  | 97       |
| 21) Benzo(a)anthracene      | 21.466 | 228  | 5432     | 0.271 | ng/ul  | 97       |
| 22) Chrysene                | 21.518 | 228  | 6788     | 0.297 | ng/ul  | 98       |
| 24) Benzo(b)fluoranthene    | 23.146 | 252  | 5773     | 0.335 | ng/ul  | 87       |
| 25) Benzo(k)fluoranthene    | 23.190 | 252  | 6405     | 0.377 | ng/ul# | 89       |
| 26) Benzo(a)pyrene          | 23.772 | 252  | 5152     | 0.332 | ng/ul# | 77       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.364 | 276  | 6035     | 0.279 | ng/ul# | 95       |
| 28) Dibenzo(a,h)anthracene  | 26.377 | 278  | 4703     | 0.278 | ng/ul# | 87       |
| 29) Benzo(g,h,i)perylene    | 27.115 | 276  | 5612     | 0.296 | ng/ul  | 94       |

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

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