

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM051723\  
 Data File : BM039944.D  
 Acq On : 17 May 2023 17:46  
 Operator : CG/JU  
 Sample : PB152823BS  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SLCS823

Quant Time: May 18 03:14:24 2023  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM051623.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 17 01:47:11 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.031  | 152  | 6282     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.848 | 136  | 17983    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.663 | 164  | 7796     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.407 | 188  | 15318    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.583 | 240  | 9654     | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 24.042 | 264  | 10661    | 0.400 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.399  | 96   | 6246     | 0.804 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.426 | 152  | 8735     | 0.411 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.429 | 212  | 11721    | 0.445 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.433  | 88   | 15651    | 1.889 | ng/ul  | 94       |
| 5) Naphthalene              | 10.897 | 128  | 19206    | 0.412 | ng/ul  | 100      |
| 7) 2-Methylnaphthalene      | 12.503 | 142  | 10629    | 0.392 | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.718 | 142  | 10862    | 0.382 | ng/ul  | 100      |
| 10) Acenaphthylene          | 14.386 | 152  | 12788    | 0.398 | ng/ul  | 100      |
| 11) Acenaphthene            | 14.728 | 153  | 10985    | 0.412 | ng/ul  | 99       |
| 12) Fluorene                | 15.709 | 166  | 11545    | 0.407 | ng/ul  | 98       |
| 14) Pentachlorophenol       | 17.052 | 266  | 1754     | 0.642 | ng/ul  | 98       |
| 15) Phenanthrene            | 17.449 | 178  | 18028    | 0.404 | ng/ul  | 100      |
| 16) Anthracene              | 17.537 | 178  | 14026    | 0.385 | ng/ul  | 99       |
| 19) Fluoranthene            | 19.457 | 202  | 17216    | 0.434 | ng/ul  | 97       |
| 20) Pyrene                  | 19.819 | 202  | 16827    | 0.428 | ng/ul  | 100      |
| 21) Benzo(a)anthracene      | 21.566 | 228  | 12479    | 0.428 | ng/ul  | 99       |
| 22) Chrysene                | 21.618 | 228  | 16036    | 0.459 | ng/ul  | 100      |
| 24) Benzo(b)fluoranthene    | 23.290 | 252  | 17056    | 0.449 | ng/ul  | 99       |
| 25) Benzo(k)fluoranthene    | 23.340 | 252  | 18345    | 0.438 | ng/ul  | 98       |
| 26) Benzo(a)pyrene          | 23.933 | 252  | 13508    | 0.424 | ng/ul  | 96       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.607 | 276  | 20945    | 0.458 | ng/ul# | 98       |
| 28) Dibenzo(a,h)anthracene  | 26.627 | 278  | 17104    | 0.465 | ng/ul  | 98       |
| 29) Benzo(g,h,i)perylene    | 27.391 | 276  | 18838    | 0.465 | ng/ul  | 99       |
| -----                       |        |      |          |       |        |          |

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

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