

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM050322\  
 Data File : BM034898.D  
 Acq On : 03 May 2022 19:33  
 Operator : CG/JU  
 Sample : N2562-19MS  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 EW478MS

Quant Time: May 04 03:03:10 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM042222.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 04 02:59:36 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|--------|------|----------|-------|---------|----------|
| -----                       |        |      |          |       |         |          |
| Internal Standards          |        |      |          |       |         |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.930  | 152  | 4965     | 0.400 | ng/ul   | 0.00     |
| 4) Naphthalene-d8           | 10.732 | 136  | 13364    | 0.400 | ng/ul # | 0.00     |
| 9) Acenaphthene-d10         | 14.562 | 164  | 7397     | 0.400 | ng/ul   | 0.00     |
| 13) Phenanthrene-d10        | 17.302 | 188  | 13913    | 0.400 | ng/ul # | 0.00     |
| 17) Chrysene-d12            | 21.476 | 240  | 10026    | 0.400 | ng/ul # | 0.00     |
| 23) Perylene-d12            | 23.861 | 264  | 9745     | 0.400 | ng/ul   | 0.00     |
| System Monitoring Compounds |        |      |          |       |         |          |
| 3) 1,4-Dioxane-d8           | 3.373  | 96   | 3098     | 0.564 | ng/ul   | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.321 | 152  | 6563     | 0.349 | ng/ul   | 0.00     |
| 18) Fluoranthene-d10        | 19.323 | 212  | 12077    | 0.382 | ng/ul   | 0.00     |
| Target Compounds            |        |      |          |       |         |          |
|                             |        |      |          |       | Qvalue  |          |
| 2) 1,4-Dioxane              | 3.407  | 88   | 8109     | 1.551 | ng/ul   | 94       |
| 5) Naphthalene              | 10.782 | 128  | 13396    | 0.351 | ng/ul#  | 88       |
| 7) 2-Methylnaphthalene      | 12.393 | 142  | 8775     | 0.346 | ng/ul   | 100      |
| 8) 1-Methylnaphthalene      | 12.613 | 142  | 8697     | 0.349 | ng/ul   | 100      |
| 10) Acenaphthylene          | 14.280 | 152  | 13154    | 0.407 | ng/ul#  | 91       |
| 11) Acenaphthene            | 14.622 | 153  | 9824     | 0.359 | ng/ul   | 95       |
| 12) Fluorene                | 15.608 | 166  | 10729    | 0.348 | ng/ul#  | 96       |
| 14) Pentachlorophenol       | 16.951 | 266  | 784      | 0.190 | ng/ul   | 99       |
| 15) Phenanthrene            | 17.340 | 178  | 16894    | 0.367 | ng/ul   | 95       |
| 16) Anthracene              | 17.432 | 178  | 15043    | 0.367 | ng/ul#  | 92       |
| 19) Fluoranthene            | 19.355 | 202  | 18875    | 0.392 | ng/ul   | 99       |
| 20) Pyrene                  | 19.713 | 202  | 19168    | 0.397 | ng/ul   | 96       |
| 21) Benzo(a)anthracene      | 21.458 | 228  | 15948    | 0.409 | ng/ul   | 98       |
| 22) Chrysene                | 21.511 | 228  | 16466    | 0.396 | ng/ul   | 99       |
| 24) Benzo(b)fluoranthene    | 23.136 | 252  | 16702    | 0.375 | ng/ul   | 90       |
| 25) Benzo(k)fluoranthene    | 23.183 | 252  | 15971    | 0.359 | ng/ul#  | 88       |
| 26) Benzo(a)pyrene          | 23.753 | 252  | 15168    | 0.418 | ng/ul#  | 85       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.332 | 276  | 18428    | 0.362 | ng/ul#  | 81       |
| 28) Dibenzo(a,h)anthracene  | 26.349 | 278  | 15025    | 0.362 | ng/ul   | 92       |
| 29) Benzo(g,h,i)perylene    | 27.083 | 276  | 15774    | 0.358 | ng/ul   | 94       |
| -----                       |        |      |          |       |         |          |

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

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