

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM070823\  
 Data File : BM040787.D  
 Acq On : 09 Jul 2023 21:57  
 Operator : MA/JU  
 Sample : 03384-03MSD  
 Misc :  
 ALS Vial : 62 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 YBW82MSD

Quant Time: Jul 10 00:54:11 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 : Sun Jul 09 14:07:58 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|--------|------|----------|-------|---------|----------|
| -----                       |        |      |          |       |         |          |
| Internal Standards          |        |      |          |       |         |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.887  | 152  | 3433     | 0.400 | ng/ul   | 0.00     |
| 4) Naphthalene-d8           | 10.691 | 136  | 13262    | 0.400 | ng/ul # | 0.00     |
| 9) Acenaphthene-d10         | 14.532 | 164  | 6538     | 0.400 | ng/ul   | 0.00     |
| 13) Phenanthrene-d10        | 17.286 | 188  | 10951    | 0.400 | ng/ul   | 0.00     |
| 17) Chrysene-d12            | 21.474 | 240  | 7978     | 0.400 | ng/ul   | 0.00     |
| 23) Perylene-d12            | 23.868 | 264  | 7029     | 0.400 | ng/ul   | 0.00     |
| System Monitoring Compounds |        |      |          |       |         |          |
| 3) 1,4-Dioxane-d8           | 3.301  | 96   | 959      | 0.178 | ng/ul   | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.286 | 152  | 3954     | 0.213 | ng/ul   | 0.00     |
| 18) Fluoranthene-d10        | 19.315 | 212  | 7689     | 0.301 | ng/ul   | 0.00     |
| Target Compounds            |        |      |          |       |         |          |
|                             |        |      |          |       |         | Qvalue   |
| 2) 1,4-Dioxane              | 3.334  | 88   | 2297     | 0.418 | ng/ul#  | 88       |
| 5) Naphthalene              | 10.741 | 128  | 8341     | 0.228 | ng/ul   | 96       |
| 7) 2-Methylnaphthalene      | 12.357 | 142  | 4651     | 0.216 | ng/ul   | 96       |
| 8) 1-Methylnaphthalene      | 12.577 | 142  | 4630     | 0.216 | ng/ul   | 99       |
| 10) Acenaphthylene          | 14.254 | 152  | 6669     | 0.228 | ng/ul   | 95       |
| 11) Acenaphthene            | 14.597 | 153  | 6064     | 0.246 | ng/ul   | 95       |
| 12) Fluorene                | 15.587 | 166  | 6318     | 0.240 | ng/ul   | 99       |
| 14) Pentachlorophenol       | 16.944 | 266  | 638      | 0.303 | ng/ul   | 91       |
| 15) Phenanthrene            | 17.329 | 178  | 8983     | 0.264 | ng/ul   | 96       |
| 16) Anthracene              | 17.421 | 178  | 7867     | 0.275 | ng/ul   | 94       |
| 19) Fluoranthene            | 19.343 | 202  | 9725     | 0.287 | ng/ul   | 96       |
| 20) Pyrene                  | 19.710 | 202  | 10423    | 0.287 | ng/ul   | 97       |
| 21) Benzo(a)anthracene      | 21.460 | 228  | 7017     | 0.260 | ng/ul   | 97       |
| 22) Chrysene                | 21.512 | 228  | 8168     | 0.265 | ng/ul   | 99       |
| 24) Benzo(b)fluoranthene    | 23.137 | 252  | 7257     | 0.267 | ng/ul   | 89       |
| 25) Benzo(k)fluoranthene    | 23.181 | 252  | 7894     | 0.294 | ng/ul#  | 88       |
| 26) Benzo(a)pyrene          | 23.763 | 252  | 6144     | 0.251 | ng/ul#  | 82       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.347 | 276  | 8474     | 0.248 | ng/ul#  | 95       |
| 28) Dibenzo(a,h)anthracene  | 26.367 | 278  | 6647     | 0.249 | ng/ul#  | 91       |
| 29) Benzo(g,h,i)perylene    | 27.108 | 276  | 7444     | 0.249 | ng/ul   | 95       |
| -----                       |        |      |          |       |         |          |

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

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