

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM121024\  
 Data File : BM048919.D  
 Acq On : 10 Dec 2024 12:33  
 Operator : RC/JU  
 Sample : P5107-21MS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BHJ99MS

Quant Time: Dec 10 13:43:12 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM120924.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Dec 09 17:52:26 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.586  | 152  | 3273     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.354 | 136  | 8536     | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.220 | 164  | 4269     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 16.968 | 188  | 8328     | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.160 | 240  | 7112     | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.332 | 264  | 7290     | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.164  | 96   | 1412     | 0.369 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.948 | 152  | 4992     | 0.459 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 18.998 | 212  | 11105    | 0.523 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.193  | 88   | 4874     | 1.101 | ng/ul# | 84       |
| 5) Naphthalene              | 10.398 | 128  | 9620     | 0.440 | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 12.020 | 142  | 5703     | 0.427 | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.240 | 142  | 5856     | 0.430 | ng/ul  | 100      |
| 10) Acenaphthylene          | 13.933 | 152  | 8408     | 0.466 | ng/ul  | 99       |
| 11) Acenaphthene            | 14.280 | 153  | 6402     | 0.469 | ng/ul  | 99       |
| 12) Fluorene                | 15.275 | 166  | 7277     | 0.480 | ng/ul  | 98       |
| 14) Pentachlorophenol       | 16.622 | 266  | 925      | 0.539 | ng/ul  | 95       |
| 15) Phenanthrene            | 17.006 | 178  | 11568    | 0.507 | ng/ul  | 99       |
| 16) Anthracene              | 17.099 | 178  | 10064    | 0.494 | ng/ul  | 99       |
| 19) Fluoranthene            | 19.030 | 202  | 14299    | 0.485 | ng/ul  | 100      |
| 20) Pyrene                  | 19.393 | 202  | 15737    | 0.495 | ng/ul  | 99       |
| 21) Benzo(a)anthracene      | 21.143 | 228  | 12566    | 0.502 | ng/ul  | 99       |
| 22) Chrysene                | 21.195 | 228  | 15414    | 0.544 | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 22.686 | 252  | 13909    | 0.552 | ng/ul  | 100      |
| 25) Benzo(k)fluoranthene    | 22.730 | 252  | 16023    | 0.550 | ng/ul  | 96       |
| 26) Benzo(a)pyrene          | 23.235 | 252  | 12130    | 0.521 | ng/ul  | 100      |
| 27) Indeno(1,2,3-cd)pyrene  | 25.484 | 276  | 17692    | 0.541 | ng/ul  | 100      |
| 28) Dibenzo(a,h)anthracene  | 25.501 | 278  | 13783    | 0.541 | ng/ul  | 98       |
| 29) Benzo(g,h,i)perylene    | 26.138 | 276  | 14813    | 0.563 | ng/ul  | 98       |

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

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