

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM122324\  
 Data File : BM049151.D  
 Acq On : 23 Dec 2024 17:58  
 Operator : RC/JU  
 Sample : P5305-09MS  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 E2AX4MS

Quant Time: Dec 23 22:58:27 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM121824.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 18 15:33:13 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.556  | 152  | 4870     | 0.400 | ng/ul  | -0.01    |
| 4) Naphthalene-d8           | 10.321 | 136  | 13825    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.192 | 164  | 7924     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 16.939 | 188  | 16217    | 0.400 | ng/ul  | -0.01    |
| 17) Chrysene-d12            | 21.140 | 240  | 13623    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.294 | 264  | 15052    | 0.400 | ng/ul  | -0.01    |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.147  | 96   | 1991     | 0.354 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.915 | 152  | 6105     | 0.329 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 18.974 | 212  | 16699    | 0.432 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.181  | 88   | 5954     | 0.907 | ng/ul# | 81       |
| 5) Naphthalene              | 10.365 | 128  | 10774    | 0.311 | ng/ul  | 98       |
| 7) 2-Methylnaphthalene      | 11.992 | 142  | 6625     | 0.302 | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.212 | 142  | 6836     | 0.304 | ng/ul  | 100      |
| 10) Acenaphthylene          | 13.910 | 152  | 9693     | 0.295 | ng/ul  | 99       |
| 11) Acenaphthene            | 14.252 | 153  | 7535     | 0.314 | ng/ul  | 98       |
| 12) Fluorene                | 15.247 | 166  | 8753     | 0.324 | ng/ul  | 99       |
| 14) Pentachlorophenol       | 16.601 | 266  | 3109     | 0.693 | ng/ul  | 94       |
| 15) Phenanthrene            | 16.981 | 178  | 14563    | 0.344 | ng/ul  | 99       |
| 16) Anthracene              | 17.074 | 178  | 12297    | 0.316 | ng/ul  | 99       |
| 19) Fluoranthene            | 19.007 | 202  | 19094    | 0.388 | ng/ul  | 99       |
| 20) Pyrene                  | 19.369 | 202  | 20295    | 0.386 | ng/ul  | 99       |
| 21) Benzo(a)anthracene      | 21.125 | 228  | 17369    | 0.367 | ng/ul  | 100      |
| 22) Chrysene                | 21.175 | 228  | 19673    | 0.387 | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 22.653 | 252  | 18719    | 0.389 | ng/ul  | 98       |
| 25) Benzo(k)fluoranthene    | 22.697 | 252  | 20627    | 0.391 | ng/ul  | 99       |
| 26) Benzo(a)pyrene          | 23.200 | 252  | 16859    | 0.366 | ng/ul  | 99       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.430 | 276  | 24646    | 0.378 | ng/ul# | 100      |
| 28) Dibenzo(a,h)anthracene  | 25.450 | 278  | 19214    | 0.379 | ng/ul  | 99       |
| 29) Benzo(g,h,i)perylene    | 26.077 | 276  | 20157    | 0.384 | ng/ul  | 99       |

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

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