

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM120524\  
 Data File : BM048895.D  
 Acq On : 07 Dec 2024 14:00  
 Operator : RC/JU  
 Sample : P5114-05MS  
 Misc :  
 ALS Vial : 70 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 E1PKOMS

Quant Time: Dec 08 21:47:07 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM120324.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 06 00:05:00 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.590  | 152  | 5989     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.358 | 136  | 16907    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.223 | 164  | 9189     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 16.971 | 188  | 17387    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.169 | 240  | 11485    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.341 | 264  | 11104    | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.164  | 96   | 1534     | 0.201 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.953 | 152  | 6444     | 0.317 | ng/ul  | -0.01    |
| 18) Fluoranthene-d10        | 19.005 | 212  | 13680    | 0.386 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.197  | 88   | 4610     | 0.509 | ng/ul# | 86       |
| 5) Naphthalene              | 10.402 | 128  | 12251    | 0.287 | ng/ul  | 100      |
| 7) 2-Methylnaphthalene      | 12.029 | 142  | 7361     | 0.298 | ng/ul  | 97       |
| 8) 1-Methylnaphthalene      | 12.249 | 142  | 7508     | 0.287 | ng/ul  | 99       |
| 10) Acenaphthylene          | 13.941 | 152  | 10834    | 0.269 | ng/ul  | 98       |
| 11) Acenaphthene            | 14.288 | 153  | 8142     | 0.280 | ng/ul  | 97       |
| 12) Fluorene                | 15.283 | 166  | 9187     | 0.305 | ng/ul  | 97       |
| 14) Pentachlorophenol       | 16.625 | 266  | 1929     | 1.283 | ng/ul# | 3        |
| 15) Phenanthrene            | 17.013 | 178  | 14954    | 0.339 | ng/ul  | 99       |
| 16) Anthracene              | 17.106 | 178  | 12725    | 0.324 | ng/ul  | 96       |
| 19) Fluoranthene            | 19.033 | 202  | 17710    | 0.335 | ng/ul  | 99       |
| 20) Pyrene                  | 19.396 | 202  | 18257    | 0.332 | ng/ul  | 99       |
| 21) Benzo(a)anthracene      | 21.155 | 228  | 13892    | 0.428 | ng/ul  | 98       |
| 22) Chrysene                | 21.205 | 228  | 16623    | 0.324 | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 22.695 | 252  | 14642    | 0.469 | ng/ul  | 94       |
| 25) Benzo(k)fluoranthene    | 22.739 | 252  | 16642    | 0.381 | ng/ul  | 96       |
| 26) Benzo(a)pyrene          | 23.247 | 252  | 12189    | 0.381 | ng/ul  | 95       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.497 | 276  | 17351    | 0.411 | ng/ul# | 97       |
| 28) Dibenzo(a,h)anthracene  | 25.518 | 278  | 13321    | 0.422 | ng/ul  | 93       |
| 29) Benzo(g,h,i)perylene    | 26.151 | 276  | 14111    | 0.385 | ng/ul  | 96       |
| -----                       |        |      |          |       |        |          |

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

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