

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM021524\  
 Data File : BM044143.D  
 Acq On : 16 Feb 2024 18:11  
 Operator : MA/JU  
 Sample : P1305-04  
 Misc :  
 ALS Vial : 54 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0FP5

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 02/17/2024  
 Supervised By :mohammad ahmed 02/19/2024

Quant Time: Feb 16 22:40:02 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM021524.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Feb 15 13:40:24 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.900  | 152  | 11470    | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.699 | 136  | 38395    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.543 | 164  | 19892    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.296 | 188  | 40792m   | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.500 | 240  | 23515m   | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.891 | 264  | 22378m   | 0.400 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.352  | 96   | 80044    | 4.928 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.294 | 152  | 17221    | 0.320 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.331 | 212  | 29346m   | 0.418 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       |        |          |
| 5) Naphthalene              | 10.748 | 128  | 3809     | 0.033 | ng/ul# | 92       |
| 7) 2-Methylnaphthalene      | 12.365 | 142  | 4111     | 0.058 | ng/ul  | 98       |
| 8) 1-Methylnaphthalene      | 12.585 | 142  | 2054     | 0.029 | ng/ul  | 99       |
| 14) Pentachlorophenol       | 16.942 | 266  | 464      | 0.032 | ng/ul  | 95       |
| 15) Phenanthrene            | 17.339 | 178  | 18847    | 0.146 | ng/ul  | 100      |
| 19) Fluoranthene            | 19.359 | 202  | 29975m   | 0.280 | ng/ul  |          |
| 20) Pyrene                  | 19.726 | 202  | 24388m   | 0.216 | ng/ul  |          |
| 21) Benzo(a)anthracene      | 21.482 | 228  | 8461m    | 0.079 | ng/ul  |          |
| 22) Chrysene                | 21.535 | 228  | 15422m   | 0.133 | ng/ul  |          |
| 24) Benzo(b)fluoranthene    | 23.166 | 252  | 14963m   | 0.162 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 23.210 | 252  | 6020m    | 0.060 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.786 | 252  | 7341m    | 0.086 | ng/ul  |          |
| 27) Indeno(1,2,3-cd)pyrene  | 26.366 | 276  | 6023m    | 0.055 | ng/ul  |          |
| 29) Benzo(g,h,i)perylene    | 27.128 | 276  | 6395m    | 0.066 | ng/ul  |          |
| -----                       |        |      |          |       |        |          |

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

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