

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN022824\  
 Data File : BN030107.D  
 Acq On : 28 Feb 2024 00:21  
 Operator : MA/JU  
 Sample : P1508-03MSD  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BH3Z5MSD

Quant Time: Feb 28 00:51:24 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN020624.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Feb 27 23:49:29 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.851  | 152  | 2691     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.645 | 136  | 7663     | 0.400 | ng/ul  | # 0.00   |
| 9) Acenaphthene-d10         | 14.498 | 164  | 3424     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.252 | 188  | 6959     | 0.400 | ng/ul  | -0.01    |
| 17) Chrysene-d12            | 21.450 | 240  | 6022     | 0.400 | ng/ul  | -0.02    |
| 23) Perylene-d12            | 23.812 | 264  | 5113     | 0.400 | ng/ul  | #-0.02   |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.319  | 96   | 1630     | 0.486 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.245 | 152  | 4954     | 0.508 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.282 | 212  | 12518    | 0.633 | ng/ul  | -0.01    |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.353  | 88   | 4462     | 1.221 | ng/ul  | 94       |
| 5) Naphthalene              | 10.694 | 128  | 10382    | 0.481 | ng/ul  | 100      |
| 7) 2-Methylnaphthalene      | 12.316 | 142  | 5668     | 0.458 | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.536 | 142  | 5989     | 0.476 | ng/ul  | 100      |
| 10) Acenaphthylene          | 14.216 | 152  | 8097     | 0.485 | ng/ul  | 96       |
| 11) Acenaphthene            | 14.558 | 153  | 6531     | 0.514 | ng/ul  | 98       |
| 12) Fluorene                | 15.553 | 166  | 7043     | 0.530 | ng/ul  | 96       |
| 14) Pentachlorophenol       | 16.901 | 266  | 1834     | 1.182 | ng/ul# | 49       |
| 15) Phenanthrene            | 17.294 | 178  | 11859    | 0.545 | ng/ul  | 98       |
| 16) Anthracene              | 17.387 | 178  | 10063    | 0.550 | ng/ul  | 98       |
| 19) Fluoranthene            | 19.314 | 202  | 15485    | 0.560 | ng/ul  | 99       |
| 20) Pyrene                  | 19.677 | 202  | 16457    | 0.581 | ng/ul  | 99       |
| 21) Benzo(a)anthracene      | 21.436 | 228  | 12055    | 0.555 | ng/ul  | 100      |
| 22) Chrysene                | 21.488 | 228  | 14588    | 0.614 | ng/ul  | 100      |
| 24) Benzo(b)fluoranthene    | 23.093 | 252  | 13049    | 0.678 | ng/ul  | 98       |
| 25) Benzo(k)fluoranthene    | 23.142 | 252  | 15442    | 0.724 | ng/ul  | 96       |
| 26) Benzo(a)pyrene          | 23.710 | 252  | 11965    | 0.661 | ng/ul  | 99       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.269 | 276  | 13801    | 0.629 | ng/ul# | 100      |
| 28) Dibenzo(a,h)anthracene  | 26.303 | 278  | 10642    | 0.618 | ng/ul  | 95       |
| 29) Benzo(g,h,i)perylene    | 26.994 | 276  | 12911    | 0.648 | ng/ul  | 97       |

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

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