

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN021124\  
 Data File : BN029691.D  
 Acq On : 11 Feb 2024 18:56  
 Operator : MA/JU  
 Sample : PB158922BS  
 Misc :  
 ALS Vial : 84 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SLCS922

Quant Time: Feb 11 23:27:52 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 : Sun Feb 11 23:18:17 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.880  | 152  | 4735     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.672 | 136  | 13014    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.520 | 164  | 5767     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.272 | 188  | 10773    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.471 | 240  | 7906     | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.845 | 264  | 7734     | 0.400 | ng/ul  | # 0.00   |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.332  | 96   | 5314     | 0.900 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.267 | 152  | 7475     | 0.451 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.304 | 212  | 11743    | 0.452 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       |        | Qvalue   |
| 2) 1,4-Dioxane              | 3.365  | 88   | 16885    | 2.627 | ng/ul# | 88       |
| 5) Naphthalene              | 10.727 | 128  | 16672    | 0.455 | ng/ul  | 100      |
| 7) 2-Methylnaphthalene      | 12.344 | 142  | 9523     | 0.453 | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.558 | 142  | 9399     | 0.440 | ng/ul  | 100      |
| 10) Acenaphthylene          | 14.243 | 152  | 12633    | 0.449 | ng/ul  | 99       |
| 11) Acenaphthene            | 14.580 | 153  | 9652     | 0.451 | ng/ul  | 99       |
| 12) Fluorene                | 15.575 | 166  | 10109    | 0.452 | ng/ul  | 99       |
| 14) Pentachlorophenol       | 16.917 | 266  | 2238     | 0.931 | ng/ul# | 50       |
| 15) Phenanthrene            | 17.314 | 178  | 15256    | 0.453 | ng/ul  | 99       |
| 16) Anthracene              | 17.407 | 178  | 12817    | 0.453 | ng/ul  | 99       |
| 19) Fluoranthene            | 19.336 | 202  | 16055    | 0.442 | ng/ul  | 99       |
| 20) Pyrene                  | 19.699 | 202  | 16788    | 0.451 | ng/ul  | 99       |
| 21) Benzo(a)anthracene      | 21.457 | 228  | 12937    | 0.454 | ng/ul  | 99       |
| 22) Chrysene                | 21.509 | 228  | 14663    | 0.470 | ng/ul  | 100      |
| 24) Benzo(b)fluoranthene    | 23.123 | 252  | 14342    | 0.493 | ng/ul  | 99       |
| 25) Benzo(k)fluoranthene    | 23.172 | 252  | 15889    | 0.492 | ng/ul  | 98       |
| 26) Benzo(a)pyrene          | 23.737 | 252  | 13098    | 0.479 | ng/ul  | 98       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.294 | 276  | 16156    | 0.487 | ng/ul# | 100      |
| 28) Dibenzo(a,h)anthracene  | 26.327 | 278  | 12540    | 0.481 | ng/ul  | 98       |
| 29) Benzo(g,h,i)perylene    | 27.041 | 276  | 14841    | 0.492 | ng/ul  | 98       |
| -----                       |        |      |          |       |        |          |

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

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