

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN032023\  
 Data File : BN024432.D  
 Acq On : 21 Mar 2023 04:11  
 Operator : CG/JU  
 Sample : PB151454BS  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SLCS454

Quant Time: Mar 21 04:59:19 2023  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN030923.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Mar 21 02:42:36 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.034  | 152  | 13037    | 0.400 | ng/u1  | 0.00     |
| 4) Naphthalene-d8           | 10.850 | 136  | 40158    | 0.400 | ng/u1  | 0.00     |
| 9) Acenaphthene-d10         | 14.666 | 164  | 22088    | 0.400 | ng/u1  | 0.00     |
| 13) Phenanthrene-d10        | 17.413 | 188  | 45460    | 0.400 | ng/u1  | 0.00     |
| 17) Chrysene-d12            | 21.594 | 240  | 33139    | 0.400 | ng/u1  | 0.00     |
| 23) Perylene-d12            | 24.094 | 264  | 25336    | 0.400 | ng/u1  | #-0.02   |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.397  | 96   | 7903     | 0.551 | ng/u1  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.428 | 152  | 15742    | 0.330 | ng/u1  | 0.00     |
| 18) Fluoranthene-d10        | 19.436 | 212  | 30067    | 0.341 | ng/u1  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.431  | 88   | 20520    | 1.315 | ng/u1  | 90       |
| 5) Naphthalene              | 10.900 | 128  | 31889    | 0.318 | ng/u1  | 100      |
| 7) 2-Methylnaphthalene      | 12.505 | 142  | 19765    | 0.325 | ng/u1  | 100      |
| 8) 1-Methylnaphthalene      | 12.720 | 142  | 20594    | 0.322 | ng/u1  | 100      |
| 10) Acenaphthylene          | 14.388 | 152  | 28297    | 0.307 | ng/u1  | 100      |
| 11) Acenaphthene            | 14.730 | 153  | 21642    | 0.305 | ng/u1  | 98       |
| 12) Fluorene                | 15.711 | 166  | 23844    | 0.301 | ng/u1  | 98       |
| 14) Pentachlorophenol       | 17.059 | 266  | 6013     | 0.476 | ng/u1# | 73       |
| 15) Phenanthrene            | 17.451 | 178  | 39118    | 0.300 | ng/u1  | 100      |
| 16) Anthracene              | 17.544 | 178  | 34280    | 0.300 | ng/u1  | 100      |
| 19) Fluoranthene            | 19.464 | 202  | 42694    | 0.324 | ng/u1  | 99       |
| 20) Pyrene                  | 19.826 | 202  | 43304    | 0.324 | ng/u1  | 99       |
| 21) Benzo(a)anthracene      | 21.574 | 228  | 33769    | 0.312 | ng/u1  | 100      |
| 22) Chrysene                | 21.632 | 228  | 35038    | 0.307 | ng/u1  | 99       |
| 24) Benzo(b)fluoranthene    | 23.325 | 252  | 32173    | 0.333 | ng/u1  | 95       |
| 25) Benzo(k)fluoranthene    | 23.380 | 252  | 30697    | 0.306 | ng/u1  | 95       |
| 26) Benzo(a)pyrene          | 23.974 | 252  | 25759    | 0.309 | ng/u1  | 92       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.710 | 276  | 28036    | 0.299 | ng/u1# | 100      |
| 28) Dibenzo(a,h)anthracene  | 26.737 | 278  | 21363    | 0.300 | ng/u1  | 96       |
| 29) Benzo(g,h,i)perylene    | 27.521 | 276  | 24700    | 0.304 | ng/u1  | 98       |
| -----                       |        |      |          |       |        |          |

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

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