

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN110923\  
 Data File : BN028521.D  
 Acq On : 09 Nov 2023 16:44  
 Operator : MA/JU  
 Sample : SSTDICV0.4  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SICV222

Quant Time: Nov 09 17:15:04 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN110923.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Nov 09 16:30:32 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.699  | 152  | 7887     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.491 | 136  | 24490    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.354 | 164  | 15027    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.103 | 188  | 35067    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.323 | 240  | 30628    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.629 | 264  | 31646    | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.151  | 96   | 3261     | 0.374 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.091 | 152  | 14269    | 0.387 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.146 | 212  | 36272    | 0.368 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.184  | 88   | 3900     | 0.405 | ng/ul  | 93       |
| 5) Naphthalene              | 10.540 | 128  | 28236    | 0.411 | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 12.168 | 142  | 18717    | 0.414 | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.388 | 142  | 18716    | 0.408 | ng/ul  | 99       |
| 10) Acenaphthylene          | 14.072 | 152  | 30615    | 0.408 | ng/ul  | 99       |
| 11) Acenaphthene            | 14.414 | 153  | 22228    | 0.403 | ng/ul  | 98       |
| 12) Fluorene                | 15.409 | 166  | 26466    | 0.412 | ng/ul  | 99       |
| 14) Pentachlorophenol       | 16.757 | 266  | 2609     | 0.310 | ng/ul  | 100      |
| 15) Phenanthrene            | 17.145 | 178  | 44055    | 0.409 | ng/ul  | 100      |
| 16) Anthracene              | 17.238 | 178  | 39264    | 0.397 | ng/ul  | 99       |
| 19) Fluoranthene            | 19.174 | 202  | 51026    | 0.392 | ng/ul  | 100      |
| 20) Pyrene                  | 19.541 | 202  | 53238    | 0.394 | ng/ul  | 100      |
| 21) Benzo(a)anthracene      | 21.305 | 228  | 47211    | 0.390 | ng/ul  | 100      |
| 22) Chrysene                | 21.358 | 228  | 47267    | 0.399 | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 22.930 | 252  | 47924    | 0.403 | ng/ul  | 99       |
| 25) Benzo(k)fluoranthene    | 22.977 | 252  | 48394    | 0.389 | ng/ul  | 99       |
| 26) Benzo(a)pyrene          | 23.526 | 252  | 42342    | 0.378 | ng/ul  | 99       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.002 | 276  | 51511    | 0.414 | ng/ul# | 100      |
| 28) Dibenzo(a,h)anthracene  | 26.022 | 278  | 40819    | 0.410 | ng/ul  | 99       |
| 29) Benzo(g,h,i)perylene    | 26.720 | 276  | 42224    | 0.414 | ng/ul  | 99       |
| -----                       |        |      |          |       |        |          |

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

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