

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN062724\  
 Data File : BN032279.D  
 Acq On : 27 Jun 2024 13:32  
 Operator : MA/JU  
 Sample : SSTDICV0.4  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SICV236

Quant Time: Jun 27 14:32:29 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN062724.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jun 27 13:23:38 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.620  | 152  | 10772    | 0.400 | ng/u1  | 0.00     |
| 4) Naphthalene-d8           | 10.398 | 136  | 34456    | 0.400 | ng/u1  | 0.00     |
| 9) Acenaphthene-d10         | 14.267 | 164  | 22507    | 0.400 | ng/u1  | 0.00     |
| 13) Phenanthrene-d10        | 17.020 | 188  | 53353    | 0.400 | ng/u1  | 0.00     |
| 17) Chrysene-d12            | 21.226 | 240  | 46077    | 0.400 | ng/u1  | 0.00     |
| 23) Perylene-d12            | 23.447 | 264  | 45690    | 0.400 | ng/u1  | # 0.00   |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.152  | 96   | 4281     | 0.358 | ng/u1  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.999 | 152  | 18269    | 0.354 | ng/u1  | 0.00     |
| 18) Fluoranthene-d10        | 19.059 | 212  | 48904    | 0.353 | ng/u1  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.186  | 88   | 4535     | 0.333 | ng/u1  | 95       |
| 5) Naphthalene              | 10.448 | 128  | 33451    | 0.367 | ng/u1  | 100      |
| 7) 2-Methylnaphthalene      | 12.076 | 142  | 22619    | 0.374 | ng/u1  | 100      |
| 8) 1-Methylnaphthalene      | 12.290 | 142  | 21107    | 0.337 | ng/u1  | 99       |
| 10) Acenaphthylene          | 13.985 | 152  | 36887    | 0.394 | ng/u1  | 99       |
| 11) Acenaphthene            | 14.327 | 153  | 27073    | 0.373 | ng/u1  | 98       |
| 12) Fluorene                | 15.322 | 166  | 32297    | 0.373 | ng/u1  | 99       |
| 14) Pentachlorophenol       | 16.691 | 266  | 3819     | 0.316 | ng/u1  | 99       |
| 15) Phenanthrene            | 17.063 | 178  | 54173    | 0.370 | ng/u1  | 99       |
| 16) Anthracene              | 17.155 | 178  | 50002    | 0.383 | ng/u1  | 100      |
| 19) Fluoranthene            | 19.087 | 202  | 63562    | 0.362 | ng/u1  | 99       |
| 20) Pyrene                  | 19.454 | 202  | 68069    | 0.371 | ng/u1  | 97       |
| 21) Benzo(a)anthracene      | 21.209 | 228  | 57679    | 0.347 | ng/u1  | 100      |
| 22) Chrysene                | 21.261 | 228  | 62022    | 0.340 | ng/u1  | 99       |
| 24) Benzo(b)fluoranthene    | 22.778 | 252  | 66179    | 0.333 | ng/u1  | 97       |
| 25) Benzo(k)fluoranthene    | 22.822 | 252  | 61727    | 0.320 | ng/u1  | 97       |
| 26) Benzo(a)pyrene          | 23.348 | 252  | 55221    | 0.400 | ng/u1  | 94       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.687 | 276  | 66321    | 0.307 | ng/u1# | 99       |
| 28) Dibenzo(a,h)anthracene  | 25.700 | 278  | 50702    | 0.316 | ng/u1  | 99       |
| 29) Benzo(g,h,i)perylene    | 26.374 | 276  | 52067    | 0.302 | ng/u1  | 100      |
| -----                       |        |      |          |       |        |          |

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

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