

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM123022\  
 Data File : BM038346.D  
 Acq On : 29 Dec 2022 16:51  
 Operator : CG/JU  
 Sample : SSTDICV0.4  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SICV035

Quant Time: Dec 30 01:45:20 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM123022.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 30 01:43:54 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.013  | 152  | 1583     | 0.400 | ng/u1  | 0.00     |
| 4) Naphthalene-d8           | 10.823 | 136  | 4465     | 0.400 | ng/u1  | 0.00     |
| 9) Acenaphthene-d10         | 14.638 | 164  | 2512     | 0.400 | ng/u1  | 0.00     |
| 13) Phenanthrene-d10        | 17.379 | 188  | 5400     | 0.400 | ng/u1  | 0.00     |
| 17) Chrysene-d12            | 21.554 | 240  | 5745     | 0.400 | ng/u1  | 0.00     |
| 23) Perylene-d12            | 23.988 | 264  | 6327     | 0.400 | ng/u1  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.372  | 96   | 855      | 0.362 | ng/u1  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.407 | 152  | 2393     | 0.357 | ng/u1  | 0.00     |
| 18) Fluoranthene-d10        | 19.399 | 212  | 5863     | 0.360 | ng/u1  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.410  | 88   | 890      | 0.368 | ng/u1  | 98       |
| 5) Naphthalene              | 10.873 | 128  | 4243     | 0.356 | ng/u1  | 98       |
| 7) 2-Methylnaphthalene      | 12.478 | 142  | 2616     | 0.357 | ng/u1  | 96       |
| 8) 1-Methylnaphthalene      | 12.698 | 142  | 2677     | 0.359 | ng/u1  | 99       |
| 10) Acenaphthylene          | 14.365 | 152  | 4134     | 0.354 | ng/u1  | 99       |
| 11) Acenaphthene            | 14.703 | 153  | 3084     | 0.355 | ng/u1  | 97       |
| 12) Fluorene                | 15.684 | 166  | 3511     | 0.357 | ng/u1  | 95       |
| 14) Pentachlorophenol       | 17.042 | 266  | 671      | 0.349 | ng/u1  | 97       |
| 15) Phenanthrene            | 17.422 | 178  | 5584     | 0.350 | ng/u1  | 99       |
| 16) Anthracene              | 17.515 | 178  | 5135     | 0.350 | ng/u1  | 98       |
| 19) Fluoranthene            | 19.431 | 202  | 7152     | 0.360 | ng/u1  | 99       |
| 20) Pyrene                  | 19.794 | 202  | 7660     | 0.361 | ng/u1  | 99       |
| 21) Benzo(a)anthracene      | 21.536 | 228  | 6887     | 0.360 | ng/u1  | 99       |
| 22) Chrysene                | 21.591 | 228  | 7241     | 0.359 | ng/u1  | 99       |
| 24) Benzo(b)fluoranthene    | 23.240 | 252  | 8411     | 0.367 | ng/u1  | 98       |
| 25) Benzo(k)fluoranthene    | 23.290 | 252  | 8266     | 0.362 | ng/u1  | 100      |
| 26) Benzo(a)pyrene          | 23.877 | 252  | 8007     | 0.370 | ng/u1  | 100      |
| 27) Indeno(1,2,3-cd)pyrene  | 26.528 | 276  | 11114    | 0.351 | ng/u1  | 98       |
| 28) Dibenzo(a,h)anthracene  | 26.545 | 278  | 8865     | 0.357 | ng/u1  | 99       |
| 29) Benzo(g,h,i)perylene    | 27.313 | 276  | 9840     | 0.349 | ng/u1  | 99       |
| -----                       |        |      |          |       |        |          |

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

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