

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021221\  
 Data File : BM028732.D  
 Acq On : 12 Feb 2021 16:24  
 Operator : CG/JU  
 Sample : SSTDICV0.4  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SICV007

Quant Time: Feb 12 16:55:54 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM021221.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Feb 12 16:15:08 2021  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.89  | 152  | 385      | 0.40   | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.70 | 136  | 1506     | 0.40   | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.54 | 164  | 819      | 0.40   | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.28 | 188  | 1669     | 0.40   | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.42 | 240  | 1514     | 0.40   | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.66 | 264  | 1428     | 0.40   | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 3) 1,4-Dioxane-d8           | 3.21  | 96   | 195      | 0.43   | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.29 | 152  | 934      | 0.40   | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.29 | 212  | 1794     | 0.41   | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Ovalue |        |          |
| 2) 1,4-Dioxane              | 3.25  | 88   | 189      | 0.421  | ng/ul  | 95       |
| 5) Naphthalene              | 10.75 | 128  | 1812     | 0.435  | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 12.36 | 142  | 1238     | 0.434  | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.58 | 142  | 1146     | 0.421  | ng/ul  | 99       |
| 10) Acenaphthylene          | 14.27 | 152  | 1723     | 0.474  | ng/ul  | 100      |
| 11) Acenaphthene            | 14.61 | 153  | 1307     | 0.458  | ng/ul  | 99       |
| 12) Fluorene                | 15.59 | 166  | 1425     | 0.438  | ng/ul  | 99       |
| 14) Pentachlorophenol       | 16.94 | 266  | 179      | 0.391  | ng/ul  | 96       |
| 15) Phenanthrene            | 17.32 | 178  | 2240     | 0.439  | ng/ul  | 99       |
| 16) Anthracene              | 17.41 | 178  | 2030     | 0.431  | ng/ul  | 99       |
| 19) Fluoranthene            | 19.32 | 202  | 2468     | 0.437  | ng/ul  | 99       |
| 20) Pyrene                  | 19.68 | 202  | 2519     | 0.436  | ng/ul  | 100      |
| 21) Benzo(a)anthracene      | 21.41 | 228  | 2350     | 0.436  | ng/ul  | 99       |
| 22) Chrysene                | 21.46 | 228  | 2435     | 0.438  | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 22.98 | 252  | 2481     | 0.440  | ng/ul  | 100      |
| 25) Benzo(k)fluoranthene    | 23.03 | 252  | 2407     | 0.434  | ng/ul  | 99       |
| 26) Benzo(a)pyrene          | 23.56 | 252  | 2130     | 0.439  | ng/ul  | 99       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.91 | 276  | 2841     | 0.444  | ng/ul# | 99       |
| 28) Dibenzo(a,h)anthracene  | 25.92 | 278  | 2347     | 0.438  | ng/ul  | 99       |
| 29) Benzo(g,h,i)perylene    | 26.61 | 276  | 2412     | 0.447  | ng/ul  | 99       |

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

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