

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041221\  
 Data File : BN014260.D  
 Acq On : 12 Apr 2021 14:55  
 Operator : CG/JU  
 Sample : SST00.201  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SST00.2001

Quant Time: Apr 12 16:30:47 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN041221.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Apr 12 16:13:58 2021  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.71  | 152  | 5693     | 0.40   | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.48 | 136  | 19237    | 0.40   | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.34 | 164  | 9988     | 0.40   | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.09 | 188  | 20109    | 0.40   | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.29 | 240  | 17304    | 0.40   | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.52 | 264  | 14598    | 0.40   | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 3) 1,4-Dioxane-d8           | 3.23  | 96   | 1384     | 0.23   | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.08 | 152  | 6513     | 0.23   | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.12 | 212  | 11536    | 0.22   | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Ovalue |        |          |
| 2) 1,4-Dioxane              | 3.27  | 88   | 1287     | 0.202  | ng/ul# | 80       |
| 5) Naphthalene              | 10.53 | 128  | 13084    | 0.233  | ng/ul  | 98       |
| 7) 2-Methylnaphthalene      | 12.15 | 142  | 7723     | 0.212  | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.37 | 142  | 7425     | 0.211  | ng/ul  | 99       |
| 10) Acenaphthylene          | 14.06 | 152  | 10399    | 0.231  | ng/ul  | 99       |
| 11) Acenaphthene            | 14.40 | 153  | 7737     | 0.207  | ng/ul  | 98       |
| 12) Fluorene                | 15.39 | 166  | 8701     | 0.208  | ng/ul  | 99       |
| 14) Pentachlorophenol       | 16.73 | 266  | 1494     | 0.434  | ng/ul  | 99       |
| 15) Phenanthrene            | 17.13 | 178  | 13817    | 0.205  | ng/ul  | 99       |
| 16) Anthracene              | 17.22 | 178  | 12114    | 0.218  | ng/ul  | 99       |
| 19) Fluoranthene            | 19.15 | 202  | 14837    | 0.213  | ng/ul  | 100      |
| 20) Pyrene                  | 19.52 | 202  | 15485    | 0.215  | ng/ul  | 98       |
| 21) Benzo(a)anthracene      | 21.27 | 228  | 13616    | 0.221  | ng/ul  | 99       |
| 22) Chrysene                | 21.32 | 228  | 14197    | 0.208  | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 22.85 | 252  | 13786    | 0.202  | ng/ul  | 92       |
| 25) Benzo(k)fluoranthene    | 22.90 | 252  | 14148    | 0.205  | ng/ul# | 93       |
| 26) Benzo(a)pyrene          | 23.43 | 252  | 11504    | 0.208  | ng/ul# | 90       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.78 | 276  | 15734    | 0.214  | ng/ul  | 99       |
| 28) Dibenzo(a,h)anthracene  | 25.79 | 278  | 12453    | 0.210  | ng/ul  | 97       |
| 29) Benzo(g,h,i)perylene    | 26.46 | 276  | 13033    | 0.199  | ng/ul  | 97       |

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

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