

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN011421\  
 Data File : BN013405.D  
 Acq On : 14 Jan 2021 09:11  
 Operator : CG/JU  
 Sample : SSTDC00.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD0.4052

Quant Time: Jan 14 10:45:02 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN010621.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jan 14 10:44:35 2021  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.60  | 152  | 5458     | 0.40   | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.36 | 136  | 20360    | 0.40   | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.22 | 164  | 10532    | 0.40   | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 16.96 | 188  | 21773    | 0.40   | ng/ul  | 0.00     |
| 19) Chrysene-d12            | 21.16 | 240  | 18947    | 0.40   | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.33 | 264  | 18887    | 0.40   | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 3) 1,4-Dioxane-d8           | 3.21  | 96   | 2267     | 0.39   | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.95 | 152  | 12576    | 0.41   | ng/ul  | 0.00     |
| 17) Fluoranthene-d10        | 19.00 | 212  | 23005    | 0.40   | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Ovalue |        |          |
| 2) 1,4-Dioxane              | 3.24  | 88   | 2040     | 0.355  | ng/ul# | 77       |
| 5) Naphthalene              | 10.40 | 128  | 24354    | 0.423  | ng/ul  | 100      |
| 7) 2-Methylnaphthalene      | 12.02 | 142  | 15877    | 0.417  | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.24 | 142  | 15180    | 0.417  | ng/ul  | 100      |
| 10) Acenaphthylene          | 13.94 | 152  | 18283    | 0.398  | ng/ul  | 99       |
| 11) Acenaphthene            | 14.28 | 153  | 16116    | 0.424  | ng/ul  | 99       |
| 12) Fluorene                | 15.27 | 166  | 17896    | 0.411  | ng/ul  | 99       |
| 14) Pentachlorophenol       | 16.62 | 266  | 1401     | 0.317  | ng/ul  | 98       |
| 15) Phenanthrene            | 17.00 | 178  | 29949    | 0.434  | ng/ul  | 99       |
| 16) Anthracene              | 17.09 | 178  | 24452    | 0.401  | ng/ul  | 99       |
| 18) Fluoranthene            | 19.03 | 202  | 31955    | 0.396  | ng/ul  | 97       |
| 20) Pyrene                  | 19.39 | 202  | 31864    | 0.421  | ng/ul  | 99       |
| 21) Benzo(a)anthracene      | 21.14 | 228  | 25576    | 0.370  | ng/ul  | 100      |
| 22) Chrysene                | 21.19 | 228  | 30955    | 0.404  | ng/ul  | 100      |
| 24) Benzo(b)fluoranthene    | 22.68 | 252  | 29342    | 0.389  | ng/ul  | 96       |
| 25) Benzo(k)fluoranthene    | 22.72 | 252  | 32498    | 0.434  | ng/ul  | 97       |
| 26) Benzo(a)pyrene          | 23.23 | 252  | 24872    | 0.383  | ng/ul  | 96       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.48 | 276  | 35082    | 0.424  | ng/ul  | 97       |
| 28) Dibenzo(a,h)anthracene  | 25.50 | 278  | 27830    | 0.400  | ng/ul  | 97       |
| 29) Benzo(g,h,i)perylene    | 26.13 | 276  | 28854    | 0.399  | ng/ul  | 97       |

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

