

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN031221\  
 Data File : BN013929.D  
 Acq On : 12 Mar 2021 13:01  
 Operator : CG/JU  
 Sample : SSTD3.204  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD3.2004

Quant Time: Mar 12 13:31:03 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN031221.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 12 11:54:12 2021  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.72  | 152  | 4399     | 0.40   | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.49 | 136  | 15299    | 0.40   | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.35 | 164  | 7694     | 0.40   | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.10 | 188  | 15915    | 0.40   | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.27 | 240  | 15222    | 0.40   | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.50 | 264  | 11290    | 0.40   | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 3) 1,4-Dioxane-d8           | 3.22  | 96   | 14296    | 3.20   | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.09 | 152  | 68276    | 3.04   | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.12 | 212  | 137778   | 3.01   | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Ovalue |        |          |
| 2) 1,4-Dioxane              | 3.25  | 88   | 15563    | 3.471  | ng/ul# | 82       |
| 5) Naphthalene              | 10.54 | 128  | 133885   | 3.110  | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 12.17 | 142  | 89521    | 3.096  | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.39 | 142  | 85233    | 3.076  | ng/ul  | 100      |
| 10) Acenaphthylene          | 14.07 | 152  | 112660   | 3.483  | ng/ul  | 99       |
| 11) Acenaphthene            | 14.42 | 153  | 88633    | 3.193  | ng/ul  | 97       |
| 12) Fluorene                | 15.40 | 166  | 101531   | 3.296  | ng/ul  | 99       |
| 14) Pentachlorophenol       | 16.75 | 266  | 9655     | 5.021  | ng/ul  | 98       |
| 15) Phenanthrene            | 17.14 | 178  | 163867   | 3.205  | ng/ul  | 100      |
| 16) Anthracene              | 17.23 | 178  | 147403   | 3.544  | ng/ul  | 99       |
| 19) Fluoranthene            | 19.15 | 202  | 187452   | 3.109  | ng/ul  | 99       |
| 20) Pyrene                  | 19.52 | 202  | 183818   | 3.040  | ng/ul  | 100      |
| 21) Benzo(a)anthracene      | 21.26 | 228  | 174045   | 3.631  | ng/ul  | 100      |
| 22) Chrysene                | 21.31 | 228  | 178514   | 3.001  | ng/ul  | 100      |
| 24) Benzo(b)fluoranthene    | 22.83 | 252  | 169738   | 3.440  | ng/ul  | 95       |
| 25) Benzo(k)fluoranthene    | 22.88 | 252  | 177057   | 3.447  | ng/ul  | 96       |
| 26) Benzo(a)pyrene          | 23.40 | 252  | 140491   | 3.624  | ng/ul# | 93       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.74 | 276  | 188981   | 3.469  | ng/ul# | 100      |
| 28) Dibenzo(a,h)anthracene  | 25.76 | 278  | 153773   | 3.470  | ng/ul  | 97       |
| 29) Benzo(a,h,i)perylene    | 26.43 | 276  | 161464   | 3.353  | ng/ul  | 99       |

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

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