

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111020\  
 Data File : BN012527.D  
 Acq On : 10 Nov 2020 11:20  
 Operator : CG/JU  
 Sample : SST00.206  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SST00.2106

Quant Time: Nov 10 12:34:04 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN111020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Nov 10 12:31:02 2020  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.47  | 152  | 805      | 0.40   | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.24 | 136  | 2864     | 0.40   | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.12 | 164  | 1503     | 0.40   | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 16.87 | 188  | 3005     | 0.40   | ng/ul  | 0.00     |
| 19) Chrysene-d12            | 21.08 | 240  | 2343     | 0.40   | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.20 | 264  | 2472     | 0.40   | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 3) 1,4-Dioxane-d8           | 3.01  | 96   | 218      | 0.26   | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.85 | 152  | 756      | 0.16   | ng/ul  | 0.01     |
| 17) Fluoranthene-d10        | 18.91 | 212  | 1502     | 0.19   | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Ovalue |        |          |
| 2) 1,4-Dioxane              | 3.04  | 88   | 206      | 0.232  | ng/ul  | 90       |
| 5) Naphthalene              | 10.29 | 128  | 1628     | 0.201  | ng/ul# | 93       |
| 7) 2-Methylnaphthalene      | 11.92 | 142  | 996      | 0.178  | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.14 | 142  | 983      | 0.186  | ng/ul  | 98       |
| 10) Acenaphthylene          | 13.84 | 152  | 1282     | 0.191  | ng/ul# | 90       |
| 11) Acenaphthene            | 14.19 | 153  | 1113     | 0.218  | ng/ul  | 97       |
| 12) Fluorene                | 15.18 | 166  | 1229     | 0.204  | ng/ul# | 98       |
| 14) Pentachlorophenol       | 16.53 | 266  | 152      | 0.153  | ng/ul  | 96       |
| 15) Phenanthrene            | 16.92 | 178  | 1931     | 0.220  | ng/ul  | 94       |
| 16) Anthracene              | 17.01 | 178  | 1553     | 0.180  | ng/ul  | 93       |
| 18) Fluoranthene            | 18.94 | 202  | 2155     | 0.211  | ng/ul# | 94       |
| 20) Pyrene                  | 19.31 | 202  | 2265     | 0.248  | ng/ul  | 97       |
| 21) Benzo(a)anthracene      | 21.07 | 228  | 1640     | 0.191  | ng/ul  | 96       |
| 22) Chrysene                | 21.12 | 228  | 2071     | 0.235  | ng/ul  | 96       |
| 24) Benzo(b)fluoranthene    | 22.57 | 252  | 1994     | 0.201  | ng/ul  | 85       |
| 25) Benzo(k)fluoranthene    | 22.61 | 252  | 2450     | 0.248  | ng/ul# | 82       |
| 26) Benzo(a)pyrene          | 23.11 | 252  | 2009     | 0.223  | ng/ul# | 81       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.29 | 276  | 2524     | 0.239  | ng/ul# | 98       |
| 28) Dibenzo(a,h)anthracene  | 25.31 | 278  | 1993     | 0.226  | ng/ul# | 79       |
| 29) Benzo(a,h,i)perylene    | 25.92 | 276  | 2377     | 0.267  | ng/ul  | 94       |

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

