

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN100323\  
 Data File : BN028009.D  
 Acq On : 03 Oct 2023 14:06  
 Operator : MA/JU  
 Sample : SST0.840  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SST0.8212

Quant Time: Oct 03 14:34:30 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN100323.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Oct 03 14:19:11 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.950  | 152  | 4659     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.768 | 136  | 15856    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.592 | 164  | 9254     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.346 | 188  | 19913    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.536 | 240  | 18384    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 24.006 | 264  | 18206    | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.326  | 96   | 4421     | 0.733 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.346 | 152  | 20050    | 0.796 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.371 | 212  | 43887    | 0.761 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.359  | 88   | 4672     | 0.742 | ng/ul  | 88       |
| 5) Naphthalene              | 10.817 | 128  | 34662    | 0.742 | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 12.423 | 142  | 22245    | 0.749 | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.643 | 142  | 22760    | 0.745 | ng/ul  | 99       |
| 10) Acenaphthylene          | 14.319 | 152  | 32249    | 0.770 | ng/ul  | 99       |
| 11) Acenaphthene            | 14.657 | 153  | 25410    | 0.716 | ng/ul  | 99       |
| 12) Fluorene                | 15.642 | 166  | 28786    | 0.698 | ng/ul  | 99       |
| 14) Pentachlorophenol       | 16.982 | 266  | 3137     | 0.668 | ng/ul  | 99       |
| 15) Phenanthrene            | 17.388 | 178  | 45475    | 0.715 | ng/ul  | 99       |
| 16) Anthracene              | 17.481 | 178  | 41261    | 0.762 | ng/ul  | 99       |
| 19) Fluoranthene            | 19.403 | 202  | 53093    | 0.710 | ng/ul  | 99       |
| 20) Pyrene                  | 19.771 | 202  | 54453    | 0.705 | ng/ul  | 99       |
| 21) Benzo(a)anthracene      | 21.518 | 228  | 51348    | 0.712 | ng/ul  | 100      |
| 22) Chrysene                | 21.571 | 228  | 51889    | 0.700 | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 23.237 | 252  | 51754    | 0.647 | ng/ul  | 95       |
| 25) Benzo(k)fluoranthene    | 23.290 | 252  | 52807    | 0.677 | ng/ul  | 94       |
| 26) Benzo(a)pyrene          | 23.895 | 252  | 44535    | 0.679 | ng/ul# | 92       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.602 | 276  | 50263    | 0.606 | ng/ul  | 99       |
| 28) Dibenzo(a,h)anthracene  | 26.622 | 278  | 41283    | 0.617 | ng/ul  | 96       |
| 29) Benzo(g,h,i)perylene    | 27.417 | 276  | 40767    | 0.588 | ng/ul  | 99       |
| -----                       |        |      |          |       |        |          |

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

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