

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN110321\  
 Data File : BN017297.D  
 Acq On : 04 Nov 2021 04:34  
 Operator : CG/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD0.4286

Quant Time: Nov 08 01:07:50 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN102721.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Nov 03 10:42:03 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.514  | 152  | 4859     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.288 | 136  | 19249    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.169 | 164  | 11885    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 16.922 | 188  | 26364    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.134 | 240  | 24245    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.329 | 264  | 21584    | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.042  | 96   | 2235     | 0.414 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.888 | 152  | 11441    | 0.407 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 18.960 | 212  | 27893    | 0.439 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.075  | 88   | 2420     | 0.417 | ng/ul# | 93       |
| 5) Naphthalene              | 10.332 | 128  | 21772    | 0.408 | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 11.965 | 142  | 14850    | 0.403 | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.185 | 142  | 15324    | 0.406 | ng/ul  | 100      |
| 10) Acenaphthylene          | 13.882 | 152  | 19128    | 0.407 | ng/ul  | 100      |
| 11) Acenaphthene            | 14.229 | 153  | 17141    | 0.416 | ng/ul  | 99       |
| 12) Fluorene                | 15.229 | 166  | 19474    | 0.404 | ng/ul  | 100      |
| 14) Pentachlorophenol       | 16.584 | 266  | 1673     | 0.281 | ng/ul  | 100      |
| 15) Phenanthrene            | 16.964 | 178  | 33561    | 0.401 | ng/ul  | 99       |
| 16) Anthracene              | 17.057 | 178  | 27688    | 0.399 | ng/ul  | 99       |
| 19) Fluoranthene            | 18.993 | 202  | 37902    | 0.437 | ng/ul  | 99       |
| 20) Pyrene                  | 19.356 | 202  | 38566    | 0.433 | ng/ul  | 97       |
| 21) Benzo(a)anthracene      | 21.120 | 228  | 30224    | 0.381 | ng/ul  | 99       |
| 22) Chrysene                | 21.169 | 228  | 36628    | 0.407 | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 22.671 | 252  | 34684    | 0.431 | ng/ul  | 99       |
| 25) Benzo(k)fluoranthene    | 22.715 | 252  | 38561    | 0.423 | ng/ul  | 99       |
| 26) Benzo(a)pyrene          | 23.233 | 252  | 28840    | 0.400 | ng/ul  | 100      |
| 27) Indeno(1,2,3-cd)pyrene  | 25.538 | 276  | 35687    | 0.349 | ng/ul# | 100      |
| 28) Dibenzo(a,h)anthracene  | 25.558 | 278  | 27714    | 0.342 | ng/ul  | 99       |
| 29) Benzo(g,h,i)perylene    | 26.208 | 276  | 29704    | 0.343 | ng/ul  | 99       |

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

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