

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN052022\  
 Data File : BN019863.D  
 Acq On : 20 May 2022 10:54  
 Operator : CG/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD0.4358

Quant Time: May 26 04:13:32 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN042922.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue May 17 01:41:05 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.850  | 152  | 3434     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.639 | 136  | 11902    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.474 | 164  | 7456     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.212 | 188  | 16092    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.398 | 240  | 15813    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.736 | 264  | 13332    | 0.400 | ng/ul  | # 0.00   |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.319  | 96   | 1678     | 0.413 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.228 | 152  | 8448     | 0.469 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.239 | 212  | 20166    | 0.403 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.352  | 88   | 1714     | 0.397 | ng/ul# | 1        |
| 5) Naphthalene              | 10.688 | 128  | 19550    | 0.507 | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 12.300 | 142  | 10006    | 0.426 | ng/ul# | 100      |
| 8) 1-Methylnaphthalene      | 12.520 | 142  | 10098    | 0.464 | ng/ul# | 100      |
| 10) Acenaphthylene          | 14.191 | 152  | 15937    | 0.432 | ng/ul  | 100      |
| 11) Acenaphthene            | 14.534 | 153  | 11177    | 0.377 | ng/ul  | 98       |
| 12) Fluorene                | 15.519 | 166  | 13503    | 0.415 | ng/ul  | 100      |
| 14) Pentachlorophenol       | 16.866 | 266  | 1620     | 0.468 | ng/ul  | 91       |
| 15) Phenanthrene            | 17.250 | 178  | 22862    | 0.386 | ng/ul  | 99       |
| 16) Anthracene              | 17.343 | 178  | 20717    | 0.429 | ng/ul  | 98       |
| 19) Fluoranthene            | 19.271 | 202  | 25859    | 0.357 | ng/ul  | 99       |
| 20) Pyrene                  | 19.634 | 202  | 26920    | 0.373 | ng/ul  | 100      |
| 21) Benzo(a)anthracene      | 21.383 | 228  | 24141    | 0.408 | ng/ul  | 99       |
| 22) Chrysene                | 21.433 | 228  | 24254    | 0.348 | ng/ul  | 100      |
| 24) Benzo(b)fluoranthene    | 23.026 | 252  | 22639    | 0.335 | ng/ul  | 91       |
| 25) Benzo(k)fluoranthene    | 23.073 | 252  | 21274    | 0.326 | ng/ul  | 97       |
| 26) Benzo(a)pyrene          | 23.631 | 252  | 20831    | 0.362 | ng/ul# | 78       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.142 | 276  | 20719    | 0.288 | ng/ul# | 95       |
| 28) Dibenzo(a,h)anthracene  | 26.156 | 278  | 16991    | 0.283 | ng/ul# | 81       |
| 29) Benzo(g,h,i)perylene    | 26.873 | 276  | 17195    | 0.262 | ng/ul  | 97       |
| -----                       |        |      |          |       |        |          |

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

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