

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN112622\  
 Data File : BN022875.D  
 Acq On : 26 Nov 2022 10:33  
 Operator : CG/JU  
 Sample : SSTD0.253  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD0.2210

Quant Time: Nov 28 03:01:01 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN112622.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Nov 28 02:35:52 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.069  | 152  | 7933     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.892 | 136  | 21255    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.710 | 164  | 11500    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.453 | 188  | 24775    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.638 | 240  | 15327    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 24.126 | 264  | 10623    | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.412  | 96   | 1910     | 0.201 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.476 | 152  | 6447     | 0.199 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.476 | 212  | 11910    | 0.210 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.450  | 88   | 1983     | 0.200 | ng/ul# | 95       |
| 5) Naphthalene              | 10.942 | 128  | 12741    | 0.198 | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 12.547 | 142  | 7958     | 0.197 | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.767 | 142  | 8147     | 0.199 | ng/ul  | 100      |
| 10) Acenaphthylene          | 14.432 | 152  | 11063    | 0.195 | ng/ul  | 99       |
| 11) Acenaphthene            | 14.770 | 153  | 8905     | 0.198 | ng/ul  | 97       |
| 12) Fluorene                | 15.755 | 166  | 10043    | 0.198 | ng/ul  | 99       |
| 14) Pentachlorophenol       | 17.099 | 266  | 886      | 0.171 | ng/ul# | 100      |
| 15) Phenanthrene            | 17.496 | 178  | 16843    | 0.198 | ng/ul  | 100      |
| 16) Anthracene              | 17.588 | 178  | 13983    | 0.192 | ng/ul  | 99       |
| 19) Fluoranthene            | 19.508 | 202  | 16565    | 0.209 | ng/ul  | 99       |
| 20) Pyrene                  | 19.871 | 202  | 16543    | 0.213 | ng/ul  | 99       |
| 21) Benzo(a)anthracene      | 21.620 | 228  | 11357    | 0.194 | ng/ul  | 100      |
| 22) Chrysene                | 21.673 | 228  | 12898    | 0.201 | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 23.363 | 252  | 10289    | 0.191 | ng/ul  | 94       |
| 25) Benzo(k)fluoranthene    | 23.412 | 252  | 10945    | 0.192 | ng/ul# | 94       |
| 26) Benzo(a)pyrene          | 24.014 | 252  | 7817     | 0.191 | ng/ul# | 92       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.736 | 276  | 9029     | 0.185 | ng/ul# | 100      |
| 28) Dibenzo(a,h)anthracene  | 26.766 | 278  | 7109     | 0.184 | ng/ul  | 93       |
| 29) Benzo(g,h,i)perylene    | 27.534 | 276  | 8083     | 0.190 | ng/ul  | 97       |

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

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