

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM070821\  
 Data File : BM030878.D  
 Acq On : 08 Jul 2021 09:25  
 Operator : CG/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD0.4716

Quant Time: Jul 08 10:44:54 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM062821.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 08 10:44:22 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.767  | 152  | 2095     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.559 | 136  | 8308     | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.406 | 164  | 4218     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.152 | 188  | 7054     | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.316 | 240  | 5189     | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.566 | 264  | 4694     | 0.400 | ng/ul  | # 0.00   |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.272  | 96   | 859      | 0.376 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.155 | 152  | 4792     | 0.367 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.169 | 212  | 6241     | 0.419 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.303  | 88   | 848      | 0.360 | ng/ul  | 95       |
| 5) Naphthalene              | 10.604 | 128  | 8900     | 0.376 | ng/ul  | 98       |
| 7) 2-Methylnaphthalene      | 12.232 | 142  | 5773     | 0.362 | ng/ul  | 98       |
| 8) 1-Methylnaphthalene      | 12.443 | 142  | 5494     | 0.354 | ng/ul  | 99       |
| 10) Acenaphthylene          | 14.125 | 152  | 7066     | 0.375 | ng/ul  | 96       |
| 11) Acenaphthene            | 14.466 | 153  | 5951     | 0.390 | ng/ul  | 99       |
| 12) Fluorene                | 15.463 | 166  | 6165     | 0.366 | ng/ul  | 98       |
| 14) Pentachlorophenol       | 16.832 | 266  | 524      | 0.228 | ng/ul  | 97       |
| 15) Phenanthrene            | 17.193 | 178  | 8355     | 0.352 | ng/ul  | 98       |
| 16) Anthracene              | 17.290 | 178  | 7423     | 0.357 | ng/ul  | 97       |
| 19) Fluoranthene            | 19.199 | 202  | 8781     | 0.383 | ng/ul  | 100      |
| 20) Pyrene                  | 19.557 | 202  | 9062     | 0.393 | ng/ul  | 99       |
| 21) Benzo(a)anthracene      | 21.304 | 228  | 6753     | 0.326 | ng/ul  | 99       |
| 22) Chrysene                | 21.352 | 228  | 8308     | 0.359 | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 22.885 | 252  | 7962     | 0.383 | ng/ul  | 90       |
| 25) Benzo(k)fluoranthene    | 22.931 | 252  | 8911     | 0.416 | ng/ul# | 90       |
| 26) Benzo(a)pyrene          | 23.469 | 252  | 6781     | 0.383 | ng/ul# | 85       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.853 | 276  | 9249     | 0.401 | ng/ul# | 98       |
| 28) Dibenzo(a,h)anthracene  | 25.868 | 278  | 7485     | 0.405 | ng/ul# | 90       |
| 29) Benzo(g,h,i)perylene    | 26.539 | 276  | 9357     | 0.468 | ng/ul  | 97       |
| -----                       |        |      |          |       |        |          |

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

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