

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM081221\  
 Data File : BM031740.D  
 Acq On : 14 Aug 2021 09:50  
 Operator : CG/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD0.4118

Quant Time: Aug 14 10:23:07 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM072821.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 12 17:28:09 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.563  | 152  | 920      | 0.400 | ng/ul  | -0.01    |
| 4) Naphthalene-d8           | 10.325 | 136  | 3344     | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.201 | 164  | 1763     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 16.957 | 188  | 3427     | 0.400 | ng/ul  | # 0.00   |
| 17) Chrysene-d12            | 21.154 | 240  | 2900     | 0.400 | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 23.312 | 264  | 2771     | 0.400 | ng/ul  | # 0.00   |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.186  | 96   | 433      | 0.424 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.926 | 152  | 2135     | 0.379 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 18.989 | 212  | 3596     | 0.372 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.217  | 88   | 421      | 0.408 | ng/ul# | 83       |
| 5) Naphthalene              | 10.374 | 128  | 3842     | 0.386 | ng/ul  | 98       |
| 7) 2-Methylnaphthalene      | 12.002 | 142  | 2538     | 0.373 | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.218 | 142  | 2407     | 0.358 | ng/ul  | 98       |
| 10) Acenaphthylene          | 13.923 | 152  | 3184     | 0.424 | ng/ul  | 99       |
| 11) Acenaphthene            | 14.262 | 153  | 2496     | 0.395 | ng/ul  | 99       |
| 12) Fluorene                | 15.263 | 166  | 2680     | 0.368 | ng/ul  | 99       |
| 14) Pentachlorophenol       | 16.624 | 266  | 341      | 0.311 | ng/ul  | 91       |
| 15) Phenanthrene            | 16.999 | 178  | 4024     | 0.370 | ng/ul  | 98       |
| 16) Anthracene              | 17.093 | 178  | 3762     | 0.369 | ng/ul  | 98       |
| 19) Fluoranthene            | 19.024 | 202  | 4519     | 0.365 | ng/ul# | 96       |
| 20) Pyrene                  | 19.386 | 202  | 4631     | 0.369 | ng/ul  | 96       |
| 21) Benzo(a)anthracene      | 21.142 | 228  | 4131     | 0.353 | ng/ul  | 97       |
| 22) Chrysene                | 21.190 | 228  | 4357     | 0.360 | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 22.670 | 252  | 4296     | 0.344 | ng/ul  | 91       |
| 25) Benzo(k)fluoranthene    | 22.713 | 252  | 4497     | 0.349 | ng/ul# | 89       |
| 26) Benzo(a)pyrene          | 23.220 | 252  | 3858     | 0.353 | ng/ul# | 91       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.446 | 276  | 4874     | 0.345 | ng/ul# | 99       |
| 28) Dibenzo(a,h)anthracene  | 25.458 | 278  | 3872     | 0.340 | ng/ul# | 91       |
| 29) Benzo(g,h,i)perylene    | 26.091 | 276  | 4240     | 0.352 | ng/ul  | 95       |

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

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