

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM072621\  
 Data File : BM031200.D  
 Acq On : 27 Jul 2021 17:18  
 Operator : CG/JU  
 Sample : SSTDCCC0.4EC  
 Misc :  
 ALS Vial : 47 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD0.4072

Quant Time: Jul 27 17:50:44 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM072221.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jul 27 12:13:28 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|------|--------|----------|
| -----                       |        |      |          |      |        |          |
| Internal Standards          |        |      |          |      |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.614  | 152  | 1669     | 0.40 | ng/ul  | -0.02    |
| 4) Naphthalene-d8           | 10.379 | 136  | 5636     | 0.40 | ng/ul  | #-0.01   |
| 9) Acenaphthene-d10         | 14.246 | 164  | 3132     | 0.40 | ng/ul  | -0.01    |
| 13) Phenanthrene-d10        | 16.992 | 188  | 6356     | 0.40 | ng/ul  | #-0.01   |
| 17) Chrysene-d12            | 21.185 | 240  | 6331     | 0.40 | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 23.358 | 264  | 6756     | 0.40 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |      |        |          |
| 3) 1,4-Dioxane-d8           | 3.203  | 96   | 681      | 0.39 | ng/ul  | -0.01    |
| 6) 2-Methylnaphthalene-d10  | 11.971 | 152  | 3493     | 0.35 | ng/ul  | -0.02    |
| 18) Fluoranthene-d10        | 19.024 | 212  | 7329     | 0.38 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |      |        |          |
|                             |        |      |          |      | Qvalue |          |
| 2) 1,4-Dioxane              | 3.234  | 88   | 705      | 0.41 | ng/ul# | 81       |
| 5) Naphthalene              | 10.428 | 128  | 6355     | 0.38 | ng/ul  | 98       |
| 7) 2-Methylnaphthalene      | 12.047 | 142  | 4249     | 0.35 | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.268 | 142  | 4094     | 0.35 | ng/ul  | 99       |
| 10) Acenaphthylene          | 13.963 | 152  | 5465     | 0.43 | ng/ul  | 99       |
| 11) Acenaphthene            | 14.307 | 153  | 4264     | 0.38 | ng/ul  | 99       |
| 12) Fluorene                | 15.300 | 166  | 4811     | 0.36 | ng/ul  | 99       |
| 14) Pentachlorophenol       | 16.645 | 266  | 1249     | 0.57 | ng/ul  | 99       |
| 15) Phenanthrene            | 17.034 | 178  | 7799     | 0.39 | ng/ul  | 99       |
| 16) Anthracene              | 17.124 | 178  | 7293     | 0.39 | ng/ul  | 99       |
| 19) Fluoranthene            | 19.054 | 202  | 9228     | 0.36 | ng/ul# | 91       |
| 20) Pyrene                  | 19.420 | 202  | 9533     | 0.37 | ng/ul# | 93       |
| 21) Benzo(a)anthracene      | 21.171 | 228  | 9665     | 0.38 | ng/ul  | 99       |
| 22) Chrysene                | 21.222 | 228  | 9580     | 0.35 | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 22.711 | 252  | 10399    | 0.33 | ng/ul  | 95       |
| 25) Benzo(k)fluoranthene    | 22.752 | 252  | 10687    | 0.33 | ng/ul# | 96       |
| 26) Benzo(a)pyrene          | 23.261 | 252  | 9487     | 0.35 | ng/ul# | 92       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.504 | 276  | 12166    | 0.34 | ng/ul# | 90       |
| 28) Dibenzo(a,h)anthracene  | 25.521 | 278  | 9902     | 0.34 | ng/ul  | 97       |
| 29) Benzo(g,h,i)perylene    | 26.161 | 276  | 10179    | 0.33 | ng/ul# | 95       |
| -----                       |        |      |          |      |        |          |

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

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