

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM113022\  
 Data File : BM037810.D  
 Acq On : 30 Nov 2022 19:39  
 Operator : CG/JU  
 Sample : SSTDCCC0.4EC  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD0.4183

Quant Time: Dec 01 00:20:46 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM113022.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Dec 01 00:14:21 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.104  | 152  | 4078     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.921 | 136  | 12375    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.730 | 164  | 6429     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.467 | 188  | 13106    | 0.400 | ng/ul  | # 0.00   |
| 17) Chrysene-d12            | 21.631 | 240  | 9544     | 0.400 | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 24.116 | 264  | 9296     | 0.400 | ng/ul  | # 0.00   |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.438  | 96   | 2549     | 0.469 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.499 | 152  | 7499     | 0.420 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.482 | 212  | 13409    | 0.413 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.472  | 88   | 2437     | 0.430 | ng/ul# | 66       |
| 5) Naphthalene              | 10.970 | 128  | 15934    | 0.412 | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 12.571 | 142  | 9760     | 0.414 | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.791 | 142  | 10099    | 0.418 | ng/ul  | 99       |
| 10) Acenaphthylene          | 14.452 | 152  | 13263    | 0.412 | ng/ul  | 99       |
| 11) Acenaphthene            | 14.790 | 153  | 11187    | 0.418 | ng/ul  | 98       |
| 12) Fluorene                | 15.771 | 166  | 12226    | 0.413 | ng/ul  | 99       |
| 14) Pentachlorophenol       | 17.113 | 266  | 1593     | 0.370 | ng/ul  | 96       |
| 15) Phenanthrene            | 17.505 | 178  | 19717    | 0.415 | ng/ul  | 99       |
| 16) Anthracene              | 17.598 | 178  | 17182    | 0.406 | ng/ul  | 97       |
| 19) Fluoranthene            | 19.510 | 202  | 21671    | 0.409 | ng/ul# | 84       |
| 20) Pyrene                  | 19.872 | 202  | 22546    | 0.406 | ng/ul# | 84       |
| 21) Benzo(a)anthracene      | 21.614 | 228  | 18760    | 0.405 | ng/ul  | 98       |
| 22) Chrysene                | 21.669 | 228  | 19322    | 0.414 | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 23.353 | 252  | 21179    | 0.435 | ng/ul# | 80       |
| 25) Benzo(k)fluoranthene    | 23.403 | 252  | 19443    | 0.414 | ng/ul# | 81       |
| 26) Benzo(a)pyrene          | 24.005 | 252  | 17847    | 0.429 | ng/ul# | 72       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.715 | 276  | 23921    | 0.440 | ng/ul# | 70       |
| 28) Dibenzo(a,h)anthracene  | 26.735 | 278  | 18567    | 0.436 | ng/ul# | 87       |
| 29) Benzo(g,h,i)perylene    | 27.520 | 276  | 20045    | 0.440 | ng/ul# | 86       |
| -----                       |        |      |          |       |        |          |

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

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