

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM120423\  
 Data File : BM043180.D  
 Acq On : 04 Dec 2023 17:33  
 Operator : MA/JU  
 Sample : SSTDCCC0.4EC  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD0.4150

Quant Time: Dec 04 18:07:35 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM112423.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Dec 02 23:54:55 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.864  | 152  | 668      | 0.400 | ng/ul  | 0.03     |
| 4) Naphthalene-d8           | 10.633 | 136  | 2342     | 0.400 | ng/ul  | 0.02     |
| 9) Acenaphthene-d10         | 14.455 | 164  | 1365     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.229 | 188  | 2793     | 0.400 | ng/ul  | 0.01     |
| 17) Chrysene-d12            | 21.415 | 240  | 1589     | 0.400 | ng/ul  | 0.01     |
| 23) Perylene-d12            | 23.765 | 264  | 1927     | 0.400 | ng/ul  | 0.01     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.160  | 96   | 390      | 0.381 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.239 | 152  | 1235     | 0.394 | ng/ul  | 0.02     |
| 18) Fluoranthene-d10        | 19.256 | 212  | 2448     | 0.423 | ng/ul  | 0.02     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.193  | 88   | 485      | 0.441 | ng/ul  | 94       |
| 5) Naphthalene              | 10.682 | 128  | 2393     | 0.376 | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 12.316 | 142  | 1403     | 0.374 | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.502 | 142  | 1589     | 0.380 | ng/ul  | 97       |
| 10) Acenaphthylene          | 14.191 | 152  | 2618     | 0.376 | ng/ul  | 100      |
| 11) Acenaphthene            | 14.519 | 153  | 2015     | 0.382 | ng/ul  | 98       |
| 12) Fluorene                | 15.528 | 166  | 2050     | 0.378 | ng/ul  | 99       |
| 14) Pentachlorophenol       | 16.904 | 266  | 219      | 0.290 | ng/ul  | 92       |
| 15) Phenanthrene            | 17.271 | 178  | 2960     | 0.371 | ng/ul  | 99       |
| 16) Anthracene              | 17.385 | 178  | 3027     | 0.401 | ng/ul  | 98       |
| 19) Fluoranthene            | 19.284 | 202  | 3784     | 0.420 | ng/ul  | 99       |
| 20) Pyrene                  | 19.647 | 202  | 3950     | 0.412 | ng/ul  | 99       |
| 21) Benzo(a)anthracene      | 21.403 | 228  | 2064     | 0.400 | ng/ul  | 100      |
| 22) Chrysene                | 21.450 | 228  | 3707     | 0.386 | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 23.037 | 252  | 2553     | 0.393 | ng/ul  | 100      |
| 25) Benzo(k)fluoranthene    | 23.090 | 252  | 3622     | 0.404 | ng/ul  | 96       |
| 26) Benzo(a)pyrene          | 23.671 | 252  | 2647     | 0.373 | ng/ul  | 99       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.232 | 276  | 3656     | 0.381 | ng/ul# | 100      |
| 28) Dibenzo(a,h)anthracene  | 26.252 | 278  | 2763     | 0.372 | ng/ul  | 96       |
| 29) Benzo(g,h,i)perylene    | 26.983 | 276  | 3529     | 0.378 | ng/ul  | 97       |

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

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