

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM122624\  
 Data File : BM049218.D  
 Acq On : 26 Dec 2024 10:07  
 Operator : RC/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD0.4128

Quant Time: Dec 26 11:35:48 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM121824.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Dec 26 11:35:38 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.548  | 152  | 5443     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.308 | 136  | 15464    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.181 | 164  | 8662     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 16.933 | 188  | 17904    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.134 | 240  | 15345    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.288 | 264  | 17065    | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.143  | 96   | 2540     | 0.405 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.909 | 152  | 8344     | 0.401 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 18.968 | 212  | 17517    | 0.402 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.176  | 88   | 2869     | 0.391 | ng/ul  | 97       |
| 5) Naphthalene              | 10.358 | 128  | 15413    | 0.398 | ng/ul  | 100      |
| 7) 2-Methylnaphthalene      | 11.980 | 142  | 9678     | 0.395 | ng/ul  | 98       |
| 8) 1-Methylnaphthalene      | 12.205 | 142  | 9861     | 0.393 | ng/ul  | 99       |
| 10) Acenaphthylene          | 13.899 | 152  | 13912    | 0.388 | ng/ul  | 100      |
| 11) Acenaphthene            | 14.246 | 153  | 10340    | 0.395 | ng/ul  | 99       |
| 12) Fluorene                | 15.241 | 166  | 11496    | 0.389 | ng/ul  | 98       |
| 14) Pentachlorophenol       | 16.595 | 266  | 1741     | 0.352 | ng/ul  | 95       |
| 15) Phenanthrene            | 16.975 | 178  | 18079    | 0.387 | ng/ul  | 99       |
| 16) Anthracene              | 17.068 | 178  | 16804    | 0.392 | ng/ul  | 100      |
| 19) Fluoranthene            | 19.001 | 202  | 22288    | 0.402 | ng/ul  | 98       |
| 20) Pyrene                  | 19.363 | 202  | 23874    | 0.403 | ng/ul  | 98       |
| 21) Benzo(a)anthracene      | 21.120 | 228  | 21600    | 0.405 | ng/ul  | 99       |
| 22) Chrysene                | 21.172 | 228  | 22644    | 0.395 | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 22.648 | 252  | 21423    | 0.393 | ng/ul  | 99       |
| 25) Benzo(k)fluoranthene    | 22.692 | 252  | 23378    | 0.391 | ng/ul  | 98       |
| 26) Benzo(a)pyrene          | 23.192 | 252  | 20932    | 0.400 | ng/ul  | 98       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.417 | 276  | 28631    | 0.387 | ng/ul# | 96       |
| 28) Dibenzo(a,h)anthracene  | 25.437 | 278  | 22395    | 0.390 | ng/ul  | 99       |
| 29) Benzo(g,h,i)perylene    | 26.068 | 276  | 23325    | 0.392 | ng/ul  | 98       |
| -----                       |        |      |          |       |        |          |

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

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