

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM032625\  
 Data File : BM049765.D  
 Acq On : 26 Mar 2025 12:56  
 Operator : RC/JU  
 Sample : SSTDCCC0.4EC  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD0.4148

Quant Time: Mar 26 14:22:00 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM030425.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Mar 04 13:03:01 2025  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.800  | 152  | 7021     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.594 | 136  | 18200    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.441 | 164  | 10657    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.178 | 188  | 20909    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.356 | 240  | 14650    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.639 | 264  | 12934    | 0.400 | ng/ul  | -0.01    |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.244  | 96   | 3418     | 0.416 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.184 | 152  | 11181    | 0.412 | ng/ul  | -0.01    |
| 18) Fluoranthene-d10        | 19.205 | 212  | 21489    | 0.453 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.282  | 88   | 3759     | 0.430 | ng/ul# | 94       |
| 5) Naphthalene              | 10.644 | 128  | 19427    | 0.401 | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 12.261 | 142  | 12681    | 0.408 | ng/ul  | 98       |
| 8) 1-Methylnaphthalene      | 12.480 | 142  | 13113    | 0.411 | ng/ul  | 98       |
| 10) Acenaphthylene          | 14.158 | 152  | 18482    | 0.388 | ng/ul  | 99       |
| 11) Acenaphthene            | 14.501 | 153  | 14305    | 0.413 | ng/ul  | 98       |
| 12) Fluorene                | 15.486 | 166  | 16399    | 0.427 | ng/ul  | 98       |
| 14) Pentachlorophenol       | 16.836 | 266  | 1627     | 0.367 | ng/ul  | 98       |
| 15) Phenanthrene            | 17.220 | 178  | 25317    | 0.403 | ng/ul  | 99       |
| 16) Anthracene              | 17.313 | 178  | 21897    | 0.385 | ng/ul  | 100      |
| 19) Fluoranthene            | 19.233 | 202  | 27299    | 0.447 | ng/ul  | 99       |
| 20) Pyrene                  | 19.596 | 202  | 27519    | 0.428 | ng/ul  | 98       |
| 21) Benzo(a)anthracene      | 21.342 | 228  | 20043    | 0.373 | ng/ul  | 99       |
| 22) Chrysene                | 21.394 | 228  | 22967    | 0.400 | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 22.949 | 252  | 20447    | 0.439 | ng/ul  | 98       |
| 25) Benzo(k)fluoranthene    | 22.996 | 252  | 22111    | 0.456 | ng/ul  | 97       |
| 26) Benzo(a)pyrene          | 23.540 | 252  | 18048    | 0.413 | ng/ul  | 98       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.954 | 276  | 23601    | 0.380 | ng/ul# | 99       |
| 28) Dibenzo(a,h)anthracene  | 25.970 | 278  | 17804    | 0.372 | ng/ul  | 98       |
| 29) Benzo(g,h,i)perylene    | 26.661 | 276  | 19606    | 0.388 | ng/ul  | 99       |
| -----                       |        |      |          |       |        |          |

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

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