

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM040422\  
 Data File : BM034490.D  
 Acq On : 04 Apr 2022 16:57  
 Operator : CG/JU  
 Sample : SSTD0.417  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD0.4017

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 04/05/2022  
 Supervised By :Yogesh Patel 04/09/2022

Quant Time: Apr 05 11:27:24 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM040422.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 05 11:24:23 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|--------|------|----------|-------|---------|----------|
| Internal Standards          |        |      |          |       |         |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.929  | 152  | 2079     | 0.400 | ng/ul   | 0.00     |
| 4) Naphthalene-d8           | 10.735 | 136  | 6328     | 0.400 | ng/ul # | 0.00     |
| 9) Acenaphthene-d10         | 14.564 | 164  | 3238     | 0.400 | ng/ul   | 0.00     |
| 13) Phenanthrene-d10        | 17.312 | 188  | 4836     | 0.400 | ng/ul   | 0.00     |
| 17) Chrysene-d12            | 21.495 | 240  | 4460     | 0.400 | ng/ul # | 0.00     |
| 23) Perylene-d12            | 23.898 | 264  | 3804     | 0.400 | ng/ul # | 0.00     |
| System Monitoring Compounds |        |      |          |       |         |          |
| 3) 1,4-Dioxane-d8           | 3.292  | 96   | 1560     | 0.448 | ng/ul   | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.335 | 152  | 3354     | 0.404 | ng/ul   | 0.00     |
| 18) Fluoranthene-d10        | 19.334 | 212  | 5411     | 0.361 | ng/ul   | 0.00     |
| Target Compounds            |        |      |          |       |         |          |
|                             |        |      |          |       | Qvalue  |          |
| 2) 1,4-Dioxane              | 3.330  | 88   | 1529     | 0.324 | ng/ul#  | 84       |
| 5) Naphthalene              | 10.785 | 128  | 7897     | 0.400 | ng/ul#  | 91       |
| 7) 2-Methylnaphthalene      | 12.407 | 142  | 4403     | 0.408 | ng/ul   | 98       |
| 8) 1-Methylnaphthalene      | 12.616 | 142  | 4432     | 0.408 | ng/ul   | 100      |
| 10) Acenaphthylene          | 14.287 | 152  | 6175     | 0.412 | ng/ul#  | 91       |
| 11) Acenaphthene            | 14.624 | 153  | 4949     | 0.408 | ng/ul   | 96       |
| 12) Fluorene                | 15.619 | 166  | 4989     | 0.399 | ng/ul   | 97       |
| 14) Pentachlorophenol       | 16.974 | 266  | 900      | 0.439 | ng/ul   | 98       |
| 15) Phenanthrene            | 17.354 | 178  | 6447     | 0.410 | ng/ul   | 98       |
| 16) Anthracene              | 17.451 | 178  | 4799     | 0.399 | ng/ul   | 99       |
| 19) Fluoranthene            | 19.366 | 202  | 7706     | 0.359 | ng/ul   | 97       |
| 20) Pyrene                  | 19.724 | 202  | 9016     | 0.359 | ng/ul#  | 93       |
| 21) Benzo(a)anthracene      | 21.480 | 228  | 3766m    | 0.332 | ng/ul   |          |
| 22) Chrysene                | 21.527 | 228  | 4779     | 0.363 | ng/ul   | 99       |
| 24) Benzo(b)fluoranthene    | 23.161 | 252  | 4760m    | 0.382 | ng/ul   |          |
| 25) Benzo(k)fluoranthene    | 23.211 | 252  | 4330     | 0.389 | ng/ul#  | 84       |
| 26) Benzo(a)pyrene          | 23.795 | 252  | 5762     | 0.397 | ng/ul#  | 63       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.411 | 276  | 7202     | 0.410 | ng/ul#  | 89       |
| 28) Dibenzo(a,h)anthracene  | 26.461 | 278  | 5243     | 0.411 | ng/ul#  | 66       |
| 29) Benzo(g,h,i)perylene    | 27.169 | 276  | 7871     | 0.416 | ng/ul#  | 93       |

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

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