

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM041824\  
 Data File : BM045394.D  
 Acq On : 19 Apr 2024 15:38  
 Operator : MA/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 37 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD0.4079

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 04/22/2024  
 Supervised By :mohammad ahmed 04/22/2024

Quant Time: Apr 19 16:16:29 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM040424.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Apr 18 22:19:59 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|--------|------|----------|-------|---------|----------|
| -----                       |        |      |          |       |         |          |
| Internal Standards          |        |      |          |       |         |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.606  | 152  | 886      | 0.400 | ng/ul   | 0.00     |
| 4) Naphthalene-d8           | 10.380 | 136  | 2572     | 0.400 | ng/ul # | 0.00     |
| 9) Acenaphthene-d10         | 14.238 | 164  | 1215     | 0.400 | ng/ul   | 0.00     |
| 13) Phenanthrene-d10        | 17.014 | 188  | 2572     | 0.400 | ng/ul # | 0.00     |
| 17) Chrysene-d12            | 21.219 | 240  | 1936     | 0.400 | ng/ul # | 0.00     |
| 23) Perylene-d12            | 23.419 | 264  | 2767     | 0.400 | ng/ul   | 0.00     |
|                             |        |      |          |       |         |          |
| System Monitoring Compounds |        |      |          |       |         |          |
| 3) 1,4-Dioxane-d8           | 3.184  | 96   | 487      | 0.418 | ng/ul   | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.991 | 152  | 1317     | 0.378 | ng/ul   | 0.00     |
| 18) Fluoranthene-d10        | 19.048 | 212  | 2258     | 0.462 | ng/ul   | 0.00     |
|                             |        |      |          |       |         |          |
| Target Compounds            |        |      |          |       |         |          |
|                             |        |      |          |       | Qvalue  |          |
| 2) 1,4-Dioxane              | 3.213  | 88   | 471      | 0.422 | ng/ul#  | 82       |
| 5) Naphthalene              | 10.435 | 128  | 2729     | 0.400 | ng/ul#  | 94       |
| 7) 2-Methylnaphthalene      | 12.074 | 142  | 1539     | 0.378 | ng/ul   | 97       |
| 8) 1-Methylnaphthalene      | 12.272 | 142  | 1712     | 0.385 | ng/ul   | 97       |
| 10) Acenaphthylene          | 13.961 | 152  | 2473     | 0.408 | ng/ul   | 96       |
| 11) Acenaphthene            | 14.303 | 153  | 1848     | 0.426 | ng/ul   | 99       |
| 12) Fluorene                | 15.321 | 166  | 1936     | 0.398 | ng/ul#  | 99       |
| 14) Pentachlorophenol       | 16.689 | 266  | 212      | 0.352 | ng/ul   | 99       |
| 15) Phenanthrene            | 17.057 | 178  | 2830     | 0.391 | ng/ul   | 95       |
| 16) Anthracene              | 17.166 | 178  | 2847m    | 0.399 | ng/ul   |          |
| 19) Fluoranthene            | 19.081 | 202  | 3231     | 0.467 | ng/ul#  | 94       |
| 20) Pyrene                  | 19.443 | 202  | 3419     | 0.468 | ng/ul#  | 94       |
| 21) Benzo(a)anthracene      | 21.213 | 228  | 2612     | 0.388 | ng/ul   | 97       |
| 22) Chrysene                | 21.257 | 228  | 3686     | 0.438 | ng/ul   | 97       |
| 24) Benzo(b)fluoranthene    | 22.759 | 252  | 3732     | 0.373 | ng/ul   | 96       |
| 25) Benzo(k)fluoranthene    | 22.805 | 252  | 4660     | 0.416 | ng/ul#  | 92       |
| 26) Benzo(a)pyrene          | 23.334 | 252  | 3808     | 0.399 | ng/ul#  | 88       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.628 | 276  | 5447     | 0.417 | ng/ul#  | 100      |
| 28) Dibenzo(a,h)anthracene  | 25.658 | 278  | 4295     | 0.415 | ng/ul#  | 87       |
| 29) Benzo(g,h,i)perylene    | 26.298 | 276  | 4908     | 0.435 | ng/ul#  | 94       |
| -----                       |        |      |          |       |         |          |

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

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