

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM041222\  
 Data File : BM034621.D  
 Acq On : 12 Apr 2022 14:31  
 Operator : CG/JU  
 Sample : SSTD1.626  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD1.6026

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 04/13/2022  
 Supervised By :Yogesh Patel 04/14/2022

Quant Time: Apr 12 15:14:23 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM041222.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 12 14:58:22 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.893  | 152  | 1965     | 0.400 | ng/ul  | -0.02    |
| 4) Naphthalene-d8           | 10.694 | 136  | 5701     | 0.400 | ng/ul  | #-0.01   |
| 9) Acenaphthene-d10         | 14.529 | 164  | 2818     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.276 | 188  | 4768     | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.458 | 240  | 4258     | 0.400 | ng/ul  | #-0.01   |
| 23) Perylene-d12            | 23.840 | 264  | 4063m    | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.256  | 96   | 4811     | 1.462 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.289 | 152  | 11086    | 1.481 | ng/ul  | -0.02    |
| 18) Fluoranthene-d10        | 19.299 | 212  | 18164    | 1.454 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.290  | 88   | 4824m    | 1.470 | ng/ul  |          |
| 5) Naphthalene              | 10.743 | 128  | 24405    | 1.369 | ng/ul# | 87       |
| 7) 2-Methylnaphthalene      | 12.360 | 142  | 14904    | 1.532 | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.580 | 142  | 14881    | 1.520 | ng/ul  | 99       |
| 10) Acenaphthylene          | 14.252 | 152  | 19438    | 1.491 | ng/ul# | 89       |
| 11) Acenaphthene            | 14.589 | 153  | 15600    | 1.478 | ng/ul  | 95       |
| 12) Fluorene                | 15.579 | 166  | 16585    | 1.524 | ng/ul# | 95       |
| 14) Pentachlorophenol       | 16.938 | 266  | 2641     | 1.307 | ng/ul  | 99       |
| 15) Phenanthrene            | 17.314 | 178  | 22555    | 1.457 | ng/ul  | 95       |
| 16) Anthracene              | 17.411 | 178  | 18251    | 1.552 | ng/ul# | 92       |
| 19) Fluoranthene            | 19.331 | 202  | 25577    | 1.431 | ng/ul  | 97       |
| 20) Pyrene                  | 19.694 | 202  | 28745    | 1.376 | ng/ul  | 99       |
| 21) Benzo(a)anthracene      | 21.440 | 228  | 14718    | 1.588 | ng/ul  | 98       |
| 22) Chrysene                | 21.490 | 228  | 18232    | 1.665 | ng/ul  | 97       |
| 24) Benzo(b)fluoranthene    | 23.109 | 252  | 19093    | 1.436 | ng/ul  | 94       |
| 25) Benzo(k)fluoranthene    | 23.156 | 252  | 21337    | 1.800 | ng/ul# | 90       |
| 26) Benzo(a)pyrene          | 23.740 | 252  | 21147    | 1.363 | ng/ul# | 90       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.315 | 276  | 28889    | 1.547 | ng/ul# | 93       |
| 28) Dibenzo(a,h)anthracene  | 26.342 | 278  | 20972    | 1.543 | ng/ul  | 92       |
| 29) Benzo(g,h,i)perylene    | 27.069 | 276  | 30079    | 1.487 | ng/ul  | 95       |

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

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