

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM041222\  
 Data File : BM034620.D  
 Acq On : 12 Apr 2022 13:54  
 Operator : CG/JU  
 Sample : SST0.825  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SST0.8025

Manual Integrations  
 APPROVED

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

Quant Time: Apr 12 15:04:11 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   | 7.901  | 152  | 1730     | 0.400 | ng/ul  | -0.01    |
| 4) Naphthalene-d8           | 10.699 | 136  | 5253     | 0.400 | ng/ul  | # 0.00   |
| 9) Acenaphthene-d10         | 14.534 | 164  | 2622     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.280 | 188  | 4164     | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.459 | 240  | 3678     | 0.400 | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 23.847 | 264  | 3379m    | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.256  | 96   | 2452     | 0.846 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.294 | 152  | 5349     | 0.775 | ng/ul  | -0.01    |
| 18) Fluoranthene-d10        | 19.304 | 212  | 8372     | 0.776 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.294  | 88   | 2343     | 0.811 | ng/ul# | 77       |
| 5) Naphthalene              | 10.749 | 128  | 11884    | 0.723 | ng/ul# | 88       |
| 7) 2-Methylnaphthalene      | 12.371 | 142  | 7134     | 0.796 | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.586 | 142  | 7175     | 0.795 | ng/ul  | 100      |
| 10) Acenaphthylene          | 14.252 | 152  | 9607     | 0.792 | ng/ul# | 91       |
| 11) Acenaphthene            | 14.594 | 153  | 7683     | 0.782 | ng/ul  | 95       |
| 12) Fluorene                | 15.584 | 166  | 7878     | 0.778 | ng/ul  | 94       |
| 14) Pentachlorophenol       | 16.942 | 266  | 1261     | 0.714 | ng/ul  | 96       |
| 15) Phenanthrene            | 17.318 | 178  | 10222    | 0.756 | ng/ul  | 96       |
| 16) Anthracene              | 17.419 | 178  | 8028     | 0.782 | ng/ul  | 95       |
| 19) Fluoranthene            | 19.331 | 202  | 11766    | 0.762 | ng/ul  | 99       |
| 20) Pyrene                  | 19.694 | 202  | 13715    | 0.760 | ng/ul  | 97       |
| 21) Benzo(a)anthracene      | 21.445 | 228  | 6489     | 0.811 | ng/ul  | 100      |
| 22) Chrysene                | 21.494 | 228  | 7538     | 0.797 | ng/ul  | 98       |
| 24) Benzo(b)fluoranthene    | 23.114 | 252  | 8184m    | 0.740 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 23.160 | 252  | 9287     | 0.942 | ng/ul  | 97       |
| 26) Benzo(a)pyrene          | 23.742 | 252  | 9807     | 0.760 | ng/ul# | 90       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.333 | 276  | 13289    | 0.856 | ng/ul# | 94       |
| 28) Dibenzo(a,h)anthracene  | 26.367 | 278  | 9647     | 0.854 | ng/ul# | 91       |
| 29) Benzo(g,h,i)perylene    | 27.074 | 276  | 14213    | 0.845 | ng/ul  | 97       |
| -----                       |        |      |          |       |        |          |

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

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