

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM042024\  
 Data File : BM045423.D  
 Acq On : 20 Apr 2024 14:19  
 Operator : MA/JU  
 Sample : SST0.222  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SST0.2030

Quant Time: Apr 21 05:04:03 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM042024.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Apr 20 17:19:38 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.622  | 152  | 724      | 0.400 | ng/ul  | 0.04     |
| 4) Naphthalene-d8           | 10.396 | 136  | 2282     | 0.400 | ng/ul  | 0.02     |
| 9) Acenaphthene-d10         | 14.237 | 164  | 1276     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.013 | 188  | 2533     | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.225 | 240  | 1426     | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.423 | 264  | 1848     | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.180  | 96   | 229      | 0.236 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.013 | 152  | 585      | 0.194 | ng/ul  | 0.03     |
| 18) Fluoranthene-d10        | 19.052 | 212  | 1018     | 0.227 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.209  | 88   | 219      | 0.235 | ng/ul# | 80       |
| 5) Naphthalene              | 10.457 | 128  | 1196     | 0.195 | ng/ul# | 80       |
| 7) 2-Methylnaphthalene      | 12.079 | 142  | 629      | 0.180 | ng/ul  | 87       |
| 8) 1-Methylnaphthalene      | 12.277 | 142  | 767      | 0.195 | ng/ul  | 100      |
| 10) Acenaphthylene          | 13.964 | 152  | 1239     | 0.192 | ng/ul# | 83       |
| 11) Acenaphthene            | 14.302 | 153  | 918      | 0.192 | ng/ul  | 98       |
| 12) Fluorene                | 15.320 | 166  | 1013     | 0.198 | ng/ul# | 95       |
| 14) Pentachlorophenol       | 16.697 | 266  | 79       | 0.157 | ng/ul  | 95       |
| 15) Phenanthrene            | 17.056 | 178  | 1497     | 0.205 | ng/ul  | 95       |
| 16) Anthracene              | 17.170 | 178  | 1397     | 0.204 | ng/ul  | 94       |
| 19) Fluoranthene            | 19.085 | 202  | 1493     | 0.227 | ng/ul# | 92       |
| 20) Pyrene                  | 19.447 | 202  | 1530     | 0.226 | ng/ul# | 90       |
| 21) Benzo(a)anthracene      | 21.225 | 228  | 851      | 0.187 | ng/ul  | 94       |
| 22) Chrysene                | 21.260 | 228  | 1475     | 0.210 | ng/ul  | 93       |
| 24) Benzo(b)fluoranthene    | 22.768 | 252  | 1237     | 0.199 | ng/ul  | 79       |
| 25) Benzo(k)fluoranthene    | 22.815 | 252  | 1692     | 0.215 | ng/ul# | 77       |
| 26) Benzo(a)pyrene          | 23.347 | 252  | 1288     | 0.200 | ng/ul# | 67       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.652 | 276  | 1863     | 0.199 | ng/ul# | 97       |
| 28) Dibenzo(a,h)anthracene  | 25.682 | 278  | 1471     | 0.198 | ng/ul# | 78       |
| 29) Benzo(g,h,i)perylene    | 26.313 | 276  | 1712     | 0.203 | ng/ul# | 85       |

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

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