

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM111921\  
 Data File : BM033172.D  
 Acq On : 19 Nov 2021 12:40  
 Operator : CG/JU  
 Sample : SST0.257  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SST0.2009

Quant Time: Nov 19 15:05:27 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM111921.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Nov 19 14:17:00 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|--------|------|----------|-------|---------|----------|
| -----                       |        |      |          |       |         |          |
| Internal Standards          |        |      |          |       |         |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.963  | 152  | 2331     | 0.400 | ng/ul   | 0.00     |
| 4) Naphthalene-d8           | 10.760 | 136  | 6238     | 0.400 | ng/ul # | 0.00     |
| 9) Acenaphthene-d10         | 14.580 | 164  | 3469     | 0.400 | ng/ul   | 0.00     |
| 13) Phenanthrene-d10        | 17.316 | 188  | 7352     | 0.400 | ng/ul   | 0.00     |
| 17) Chrysene-d12            | 21.470 | 240  | 5851     | 0.400 | ng/ul   | 0.00     |
| 23) Perylene-d12            | 23.813 | 264  | 4969     | 0.400 | ng/ul # | 0.00     |
|                             |        |      |          |       |         |          |
| System Monitoring Compounds |        |      |          |       |         |          |
| 3) 1,4-Dioxane-d8           | 3.423  | 96   | 479      | 0.161 | ng/ul   | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.343 | 152  | 1724     | 0.195 | ng/ul   | 0.00     |
| 18) Fluoranthene-d10        | 19.334 | 212  | 3474     | 0.196 | ng/ul   | 0.00     |
|                             |        |      |          |       |         |          |
| Target Compounds            |        |      |          |       |         |          |
|                             |        |      |          |       |         | Qvalue   |
| 2) 1,4-Dioxane              | 3.454  | 88   | 482      | 0.158 | ng/ul#  | 76       |
| 5) Naphthalene              | 10.814 | 128  | 3928     | 0.217 | ng/ul   | 99       |
| 7) 2-Methylnaphthalene      | 12.415 | 142  | 2488     | 0.198 | ng/ul   | 98       |
| 8) 1-Methylnaphthalene      | 12.635 | 142  | 2437     | 0.198 | ng/ul   | 99       |
| 10) Acenaphthylene          | 14.307 | 152  | 3226     | 0.214 | ng/ul#  | 97       |
| 11) Acenaphthene            | 14.644 | 153  | 2718     | 0.206 | ng/ul   | 100      |
| 12) Fluorene                | 15.626 | 166  | 3016     | 0.194 | ng/ul   | 99       |
| 14) Pentachlorophenol       | 16.962 | 266  | 490      | 0.256 | ng/ul   | 94       |
| 15) Phenanthrene            | 17.358 | 178  | 5425     | 0.222 | ng/ul   | 96       |
| 16) Anthracene              | 17.448 | 178  | 4335     | 0.202 | ng/ul   | 96       |
| 19) Fluoranthene            | 19.365 | 202  | 5914     | 0.216 | ng/ul   | 99       |
| 20) Pyrene                  | 19.727 | 202  | 5847     | 0.205 | ng/ul   | 99       |
| 21) Benzo(a)anthracene      | 21.456 | 228  | 4258     | 0.197 | ng/ul   | 97       |
| 22) Chrysene                | 21.509 | 228  | 4757     | 0.195 | ng/ul   | 99       |
| 24) Benzo(b)fluoranthene    | 23.103 | 252  | 4575     | 0.201 | ng/ul   | 78       |
| 25) Benzo(k)fluoranthene    | 23.151 | 252  | 4619     | 0.189 | ng/ul#  | 79       |
| 26) Benzo(a)pyrene          | 23.711 | 252  | 3750     | 0.200 | ng/ul#  | 74       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.211 | 276  | 4856     | 0.225 | ng/ul#  | 89       |
| 28) Dibenzo(a,h)anthracene  | 26.226 | 278  | 3777     | 0.221 | ng/ul#  | 90       |
| 29) Benzo(g,h,i)perylene    | 26.943 | 276  | 4335     | 0.231 | ng/ul   | 96       |
| -----                       |        |      |          |       |         |          |

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

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