

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM090321\  
 Data File : BM032037.D  
 Acq On : 03 Sep 2021 12:32  
 Operator : CG/JU  
 Sample : SST0.122  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SST0.1022

Manual Integrations  
 APPROVED

mohammad  
 9/7/2021 11:37:12 AM

Quant Time: Sep 03 14:41:35 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM090321.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Sep 03 14:29:24 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.452  | 152  | 1341     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.212 | 136  | 4588     | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.098 | 164  | 2855     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 16.864 | 188  | 5836     | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.072 | 240  | 4976     | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.193 | 264  | 4839     | 0.400 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 0.000  | 96   | 0d       | 0.000 | ng/ul  |          |
| 6) 2-Methylnaphthalene-d10  | 11.813 | 152  | 752      | 0.097 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 18.902 | 212  | 1554     | 0.094 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.262 | 128  | 1301     | 0.095 | ng/ul# | 89       |
| 7) 2-Methylnaphthalene      | 11.885 | 142  | 879      | 0.094 | ng/ul  | 98       |
| 8) 1-Methylnaphthalene      | 12.110 | 142  | 886      | 0.096 | ng/ul  | 99       |
| 10) Acenaphthylene          | 13.824 | 152  | 1237     | 0.102 | ng/ul# | 89       |
| 11) Acenaphthene            | 14.163 | 153  | 1024     | 0.100 | ng/ul  | 96       |
| 12) Fluorene                | 15.164 | 166  | 1220     | 0.104 | ng/ul# | 96       |
| 15) Phenanthrene            | 16.905 | 178  | 1977     | 0.107 | ng/ul  | 95       |
| 16) Anthracene              | 16.999 | 178  | 1602     | 0.092 | ng/ul  | 94       |
| 19) Fluoranthene            | 18.932 | 202  | 2413     | 0.114 | ng/ul# | 87       |
| 20) Pyrene                  | 19.294 | 202  | 2649     | 0.123 | ng/ul# | 88       |
| 21) Benzo(a)anthracene      | 21.057 | 228  | 2095     | 0.104 | ng/ul  | 98       |
| 22) Chrysene                | 21.108 | 228  | 2384     | 0.115 | ng/ul  | 96       |
| 24) Benzo(b)fluoranthene    | 22.570 | 252  | 2497m    | 0.115 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 22.609 | 252  | 2533     | 0.112 | ng/ul# | 70       |
| 26) Benzo(a)pyrene          | 23.103 | 252  | 2111     | 0.111 | ng/ul# | 61       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.276 | 276  | 2677     | 0.108 | ng/ul# | 93       |
| 28) Dibenzo(a,h)anthracene  | 25.291 | 278  | 2188     | 0.110 | ng/ul# | 76       |
| 29) Benzo(g,h,i)perylene    | 25.911 | 276  | 2478     | 0.118 | ng/ul# | 89       |
| -----                       |        |      |          |       |        |          |

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

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