

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM062821\  
 Data File : BM030649.D  
 Acq On : 28 Jun 2021 10:42  
 Operator : CG/JU  
 Sample : SST0.102  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SST0.1602

Quant Time: Jun 28 13:01:32 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM062821.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 28 12:59:24 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|--------|------|----------|-------|---------|----------|
| -----                       |        |      |          |       |         |          |
| Internal Standards          |        |      |          |       |         |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.791  | 152  | 1651     | 0.400 | ng/ul   | 0.00     |
| 4) Naphthalene-d8           | 10.576 | 136  | 6092     | 0.400 | ng/ul # | 0.00     |
| 9) Acenaphthene-d10         | 14.417 | 164  | 3369     | 0.400 | ng/ul   | 0.00     |
| 13) Phenanthrene-d10        | 17.155 | 188  | 7143     | 0.400 | ng/ul   | 0.00     |
| 17) Chrysene-d12            | 21.323 | 240  | 7262     | 0.400 | ng/ul   | 0.00     |
| 23) Perylene-d12            | 23.578 | 264  | 7397     | 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  | 12.164 | 152  | 957      | 0.098 | ng/ul   | 0.00     |
| 18) Fluoranthene-d10        | 19.176 | 212  | 2108     | 0.095 | ng/ul   | 0.00     |
| Target Compounds            |        |      |          |       |         |          |
|                             |        |      |          |       | Qvalue  |          |
| 5) Naphthalene              | 10.626 | 128  | 1771     | 0.098 | ng/ul#  | 91       |
| 7) 2-Methylnaphthalene      | 12.241 | 142  | 1197     | 0.098 | ng/ul   | 99       |
| 8) 1-Methylnaphthalene      | 12.461 | 142  | 1176     | 0.099 | ng/ul   | 100      |
| 10) Acenaphthylene          | 14.136 | 152  | 1549     | 0.098 | ng/ul#  | 90       |
| 11) Acenaphthene            | 14.481 | 153  | 1258     | 0.098 | ng/ul   | 94       |
| 12) Fluorene                | 15.467 | 166  | 1405     | 0.099 | ng/ul#  | 97       |
| 15) Phenanthrene            | 17.197 | 178  | 2605     | 0.102 | ng/ul   | 94       |
| 16) Anthracene              | 17.290 | 178  | 2209     | 0.099 | ng/ul#  | 92       |
| 19) Fluoranthene            | 19.207 | 202  | 3828     | 0.115 | ng/ul#  | 78       |
| 20) Pyrene                  | 19.569 | 202  | 3742     | 0.109 | ng/ul#  | 92       |
| 21) Benzo(a)anthracene      | 21.306 | 228  | 3505     | 0.122 | ng/ul   | 95       |
| 22) Chrysene                | 21.360 | 228  | 3992     | 0.125 | ng/ul   | 96       |
| 24) Benzo(b)fluoranthene    | 22.897 | 252  | 3513     | 0.109 | ng/ul#  | 65       |
| 25) Benzo(k)fluoranthene    | 22.943 | 252  | 3743     | 0.111 | ng/ul#  | 57       |
| 26) Benzo(a)pyrene          | 23.479 | 252  | 2971     | 0.104 | ng/ul#  | 48       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.860 | 276  | 3585     | 0.099 | ng/ul#  | 93       |
| 28) Dibenzo(a,h)anthracene  | 25.868 | 278  | 2904     | 0.100 | ng/ul#  | 59       |
| 29) Benzo(g,h,i)perylene    | 26.556 | 276  | 3131     | 0.100 | ng/ul#  | 85       |
| -----                       |        |      |          |       |         |          |

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

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