

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM092721\  
 Data File : BM032198.D  
 Acq On : 27 Sep 2021 10:01  
 Operator : CG/JU  
 Sample : SSTD0.129  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Sep 27 11:50:06 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM092721.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Sep 27 11:46:23 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.664  | 152  | 7301     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.456 | 136  | 22052    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.308 | 164  | 10322    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.033 | 188  | 19847    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.195 | 240  | 15237    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.363 | 264  | 12402    | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 2.993  | 96   | 996      | 0.124 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.044 | 152  | 2997     | 0.088 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.053 | 212  | 4546     | 0.102 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.027  | 88   | 970      | 0.124 | ng/ul# | 82       |
| 5) Naphthalene              | 10.501 | 128  | 6889     | 0.118 | ng/ul  | 98       |
| 7) 2-Methylnaphthalene      | 12.120 | 142  | 4261     | 0.104 | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.340 | 142  | 4154     | 0.103 | ng/ul  | 100      |
| 10) Acenaphthylene          | 14.023 | 152  | 4331     | 0.104 | ng/ul  | 96       |
| 11) Acenaphthene            | 14.368 | 153  | 4003     | 0.117 | ng/ul  | 100      |
| 12) Fluorene                | 15.350 | 166  | 4352     | 0.110 | ng/ul  | 99       |
| 14) Pentachlorophenol       | 16.703 | 266  | 497      | 0.095 | ng/ul  | 94       |
| 15) Phenanthrene            | 17.074 | 178  | 6869     | 0.114 | ng/ul  | 98       |
| 16) Anthracene              | 17.165 | 178  | 5443     | 0.103 | ng/ul  | 97       |
| 19) Fluoranthene            | 19.084 | 202  | 7012     | 0.106 | ng/ul  | 98       |
| 20) Pyrene                  | 19.446 | 202  | 7146     | 0.105 | ng/ul  | 99       |
| 21) Benzo(a)anthracene      | 21.181 | 228  | 5780     | 0.104 | ng/ul  | 98       |
| 22) Chrysene                | 21.232 | 228  | 7082     | 0.111 | ng/ul  | 98       |
| 24) Benzo(b)fluoranthene    | 22.716 | 252  | 7015     | 0.123 | ng/ul  | 68       |
| 25) Benzo(k)fluoranthene    | 22.757 | 252  | 6785     | 0.115 | ng/ul# | 64       |
| 26) Benzo(a)pyrene          | 23.266 | 252  | 5047     | 0.101 | ng/ul# | 58       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.505 | 276  | 7126     | 0.105 | ng/ul# | 100      |
| 28) Dibenzo(a,h)anthracene  | 25.512 | 278  | 5834     | 0.107 | ng/ul# | 83       |
| 29) Benzo(g,h,i)perylene    | 26.169 | 276  | 6832     | 0.113 | ng/ul  | 94       |
| -----                       |        |      |          |       |        |          |

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

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