

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM100220\  
 Data File : BM027594.D  
 Acq On : 02 Oct 2020 23:00  
 Operator : JU/CG  
 Sample : L4166-10  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0AE2

Manual Integrations  
 APPROVED

mohammad  
 10/5/2020 10:29:20 AM

Quant Time: Oct 03 01:38:22 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM092320.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 02 13:04:03 2020  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|------|--------|----------|
| -----                       |        |      |          |      |        |          |
| Internal Standards          |        |      |          |      |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.796  | 152  | 1170     | 0.40 | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.581 | 136  | 3461     | 0.40 | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.429 | 164  | 2558     | 0.40 | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.169 | 188  | 6615     | 0.40 | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.343 | 240  | 7984     | 0.40 | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.605 | 264  | 8594     | 0.40 | ng/ul  | # 0.00   |
| System Monitoring Compounds |        |      |          |      |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.169 | 152  | 1042     | 0.17 | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 19.192 | 212  | 3913     | 0.22 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |      |        |          |
|                             |        |      |          |      |        | Qvalue   |
| 3) Naphthalene              | 10.631 | 128  | 3780     | 0.37 | ng/ul  | 99       |
| 5) 2-Methylnaphthalene      | 12.245 | 142  | 544      | 0.07 | ng/ul  | 99       |
| 7) Acenaphthylene           | 14.144 | 152  | 1179     | 0.09 | ng/ul# | 80       |
| 8) Acenaphthene             | 14.489 | 153  | 20480    | 2.20 | ng/ul  | 96       |
| 9) Fluorene                 | 15.475 | 166  | 8342     | 0.73 | ng/ul  | 99       |
| 12) Phenanthrene            | 17.211 | 178  | 18065    | 0.88 | ng/ul  | 100      |
| 13) Anthracene              | 17.301 | 178  | 16404    | 0.82 | ng/ul  | 99       |
| 15) Fluoranthene            | 19.222 | 202  | 120881   | 4.92 | ng/ul  | 96       |
| 17) Pyrene                  | 19.584 | 202  | 84427    | 2.32 | ng/ul# | 96       |
| 18) Benzo(a)anthracene      | 21.328 | 228  | 32214    | 1.03 | ng/ul  | 97       |
| 19) Chrysene                | 21.379 | 228  | 34334    | 1.06 | ng/ul  | 99       |
| 21) Benzo(b)fluoranthene    | 22.924 | 252  | 32200m   | 0.93 | ng/ul  |          |
| 22) Benzo(k)fluoranthene    | 22.965 | 252  | 12044m   | 0.33 | ng/ul  |          |
| 23) Benzo(a)pyrene          | 23.506 | 252  | 17917    | 0.58 | ng/ul# | 96       |
| 24) Indeno(1,2,3-cd)pyrene  | 25.883 | 276  | 9579     | 0.24 | ng/ul# | 95       |
| 25) Dibenzo(a,h)anthracene  | 25.887 | 278  | 3072     | 0.09 | ng/ul# | 73       |
| 26) Benzo(g,h,i)perylene    | 26.578 | 276  | 7408     | 0.22 | ng/ul  | 95       |
| -----                       |        |      |          |      |        |          |

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

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