

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM080319\  
 Data File : BM021811.D  
 Acq On : 04 Aug 2019 14:10  
 Operator : HP/JU  
 Sample : K3850-16  
 Misc :  
 ALS Vial : 54 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BENR8

Manual Integrations  
 APPROVED

mohammad  
 8/5/2019 10:15:39 PM

Quant Time: Aug 05 06:46:35 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM080319.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Aug 05 05:26:43 2019  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.64  | 152  | 1004     | 0.40   | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.42 | 136  | 4050     | 0.40   | ng/ul  | -0.02    |
| 6) Acenaphthene-d10         | 14.29 | 164  | 2477     | 0.40   | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.04 | 188  | 6442m    | 0.40   | ng/ul  | -0.02    |
| 16) Chrysene-d12            | 21.24 | 240  | 6616m    | 0.40   | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.46 | 264  | 7059m    | 0.40   | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.03 | 152  | 1200     | 0.18   | ng/ul  | -0.01    |
| 14) Fluoranthene-d10        | 19.08 | 212  | 4706m    | 0.22   | ng/ul  | -0.01    |
| Target Compounds            |       |      |          | Qvalue |        |          |
| 3) Naphthalene              | 10.46 | 128  | 613      | 0.054  | ng/ul# | 81       |
| 5) 2-Methylnaphthalene      | 12.10 | 142  | 339      | 0.044  | ng/ul  | 98       |
| 7) Acenaphthylene           | 14.01 | 152  | 1237     | 0.107  | ng/ul# | 95       |
| 8) Acenaphthene             | 14.35 | 153  | 1392     | 0.147  | ng/ul  | 97       |
| 9) Fluorene                 | 15.34 | 166  | 1533     | 0.146  | ng/ul  | 99       |
| 12) Phenanthrene            | 17.08 | 178  | 29124m   | 1.554  | ng/ul  |          |
| 13) Anthracene              | 17.17 | 178  | 6874m    | 0.430  | ng/ul  |          |
| 15) Fluoranthene            | 19.11 | 202  | 52629m   | 2.096  | ng/ul  |          |
| 17) Pyrene                  | 19.47 | 202  | 57800    | 2.126  | ng/ul  | 97       |
| 18) Benzo(a)anthracene      | 21.22 | 228  | 32636    | 1.379  | ng/ul  | 99       |
| 19) Chrysene                | 21.27 | 228  | 32633    | 1.072  | ng/ul  | 98       |
| 21) Benzo(b)fluoranthene    | 22.79 | 252  | 34904m   | 1.466  | ng/ul  |          |
| 22) Benzo(k)fluoranthene    | 22.83 | 252  | 12549m   | 0.466  | ng/ul  |          |
| 23) Benzo(a)pyrene          | 23.36 | 252  | 28181m   | 1.164  | ng/ul  |          |
| 24) Indeno(1,2,3-cd)pyrene  | 25.67 | 276  | 16230m   | 0.562  | ng/ul  |          |
| 25) Dibenzo(a,h)anthracene  | 25.68 | 278  | 4464m    | 0.191  | ng/ul  |          |
| 26) Benzo(g,h,i)perylene    | 26.36 | 276  | 16205m   | 0.623  | ng/ul  |          |

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

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