

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN062219\  
 Data File : BN006511.D  
 Acq On : 23 Jun 2019 05:36  
 Operator : HP/JU  
 Sample : K3360-19  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A4201

Manual Integrations  
 APPROVED

mohammad  
 6/25/2019 8:45:18 AM

Quant Time: Jun 24 09:25:46 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN053019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 17 11:13:07 2019  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.63  | 152  | 5485     | 0.40   | ng/ul  | -0.01    |
| 2) Naphthalene-d8           | 10.41 | 136  | 21042    | 0.40   | ng/ul  | -0.02    |
| 6) Acenaphthene-d10         | 14.28 | 164  | 11977    | 0.40   | ng/ul  | -0.01    |
| 10) Phenanthrene-d10        | 17.04 | 188  | 22177m   | 0.40   | ng/ul  | -0.02    |
| 16) Chrysene-d12            | 21.25 | 240  | 12248m   | 0.40   | ng/ul  | -0.02    |
| 20) Perylene-d12            | 23.48 | 264  | 11604m   | 0.40   | ng/ul  | -0.03    |
| System Monitoring Compounds |       |      |          |        |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.01 | 152  | 12114    | 0.38   | ng/ul  | -0.02    |
| 14) Fluoranthene-d10        | 19.08 | 212  | 24488m   | 0.41   | ng/ul  | -0.01    |
| Target Compounds            |       |      |          |        | Qvalue |          |
| 3) Naphthalene              | 10.46 | 128  | 68740    | 1.184  | ng/ul  | 99       |
| 5) 2-Methylnaphthalene      | 12.08 | 142  | 37074    | 0.916  | ng/ul  | 100      |
| 7) Acenaphthylene           | 14.00 | 152  | 7967     | 0.120  | ng/ul# | 87       |
| 8) Acenaphthene             | 14.34 | 153  | 369538   | 8.002  | ng/ul  | 100      |
| 9) Fluorene                 | 15.34 | 166  | 504689   | 9.340  | ng/ul  | 99       |
| 12) Phenanthrene            | 17.09 | 178  | 4982622m | 69.992 | ng/ul  |          |
| 13) Anthracene              | 17.17 | 178  | 1171895m | 17.237 | ng/ul  |          |
| 15) Fluoranthene            | 19.11 | 202  | 5525805m | 70.296 | ng/ul  |          |
| 17) Pyrene                  | 19.48 | 202  | 4357254  | 67.538 | ng/ul  | 96       |
| 18) Benzo(a)anthracene      | 21.23 | 228  | 1800824m | 33.243 | ng/ul  |          |
| 19) Chrysene                | 21.29 | 228  | 1870828  | 36.788 | ng/ul  | 98       |
| 21) Benzo(b)fluoranthene    | 22.82 | 252  | 1994616m | 41.223 | ng/ul  |          |
| 22) Benzo(k)fluoranthene    | 22.85 | 252  | 760623m  | 16.139 | ng/ul  |          |
| 23) Benzo(a)pyrene          | 23.39 | 252  | 1370593m | 30.414 | ng/ul  |          |
| 24) Indeno(1,2,3-cd)pyrene  | 25.71 | 276  | 880982m  | 18.061 | ng/ul  |          |
| 25) Dibenzo(a,h)anthracene  | 25.71 | 278  | 239195m  | 6.134  | ng/ul  |          |
| 26) Benzo(g,h,i)perylene    | 26.39 | 276  | 730469m  | 17.880 | ng/ul  |          |

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

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