

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM080919\  
 Data File : BM022010.D  
 Acq On : 11 Aug 2019 00:27  
 Operator : HP/JU  
 Sample : K4028-07  
 Misc :  
 ALS Vial : 47 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BENY9

Manual Integrations  
 APPROVED

Sohil  
 8/13/2019 8:46:37 AM

Quant Time: Aug 11 03:13:21 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 : Sun Aug 11 01:49:36 2019  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.61  | 152  | 872      | 0.40   | ng/ul  | -0.01    |
| 2) Naphthalene-d8           | 10.39 | 136  | 3651     | 0.40   | ng/ul  | -0.02    |
| 6) Acenaphthene-d10         | 14.26 | 164  | 2061     | 0.40   | ng/ul  | -0.02    |
| 10) Phenanthrene-d10        | 17.02 | 188  | 4958m    | 0.40   | ng/ul  | -0.03    |
| 16) Chrysene-d12            | 21.22 | 240  | 4668m    | 0.40   | ng/ul  | -0.02    |
| 20) Perylene-d12            | 23.43 | 264  | 4559m    | 0.40   | ng/ul  | -0.02    |
| System Monitoring Compounds |       |      |          |        |        |          |
| 4) 2-Methylnaphthalene-d10  | 11.99 | 152  | 1424     | 0.24   | ng/ul  | -0.03    |
| 14) Fluoranthene-d10        | 19.06 | 212  | 4862m    | 0.29   | ng/ul  | -0.02    |
| Target Compounds            |       |      |          | Qvalue |        |          |
| 3) Naphthalene              | 10.43 | 128  | 5588     | 0.542  | ng/ul  | 95       |
| 5) 2-Methylnaphthalene      | 12.07 | 142  | 3098     | 0.451  | ng/ul  | 98       |
| 7) Acenaphthylene           | 13.99 | 152  | 18846    | 1.961  | ng/ul# | 81       |
| 8) Acenaphthene             | 14.32 | 153  | 12727    | 1.618  | ng/ul  | 97       |
| 9) Fluorene                 | 15.32 | 166  | 15476    | 1.772  | ng/ul  | 97       |
| 12) Phenanthrene            | 17.06 | 178  | 354815m  | 24.595 | ng/ul  |          |
| 13) Anthracene              | 17.15 | 178  | 73629m   | 5.983  | ng/ul  |          |
| 15) Fluoranthene            | 19.09 | 202  | 985709m  | 51.008 | ng/ul  |          |
| 17) Pyrene                  | 19.46 | 202  | 913206   | 47.607 | ng/ul# | 94       |
| 18) Benzo(a)anthracene      | 21.21 | 228  | 524855m  | 31.434 | ng/ul  |          |
| 19) Chrysene                | 21.26 | 228  | 561830   | 26.164 | ng/ul  | 99       |
| 21) Benzo(b)fluoranthene    | 22.77 | 252  | 770737m  | 50.134 | ng/ul  |          |
| 22) Benzo(k)fluoranthene    | 22.81 | 252  | 268293m  | 15.421 | ng/ul  |          |
| 23) Benzo(a)pyrene          | 23.34 | 252  | 536336   | 34.305 | ng/ul# | 74       |
| 24) Indeno(1,2,3-cd)pyrene  | 25.64 | 276  | 373108   | 19.987 | ng/ul# | 92       |
| 25) Dibenzo(a,h)anthracene  | 25.64 | 278  | 99283m   | 6.580  | ng/ul  |          |
| 26) Benzo(g,h,i)perylene    | 26.33 | 276  | 367766   | 21.883 | ng/ul  | 94       |

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

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