

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112316\  
 Data File : BM008077.D  
 Acq On : 24 Nov 2016 16:52  
 Operator : UM/SJ  
 Sample : H5701-15  
 Misc :  
 ALS Vial : 43 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A4WE5

Manual Integrations  
 APPROVED

Umangi  
 11/28/2016 5:30:32 PM

Quant Time: Nov 25 03:45:04 2016  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112116.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Nov 25 01:27:01 2016  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.71  | 152  | 684      | 0.40 | ng/ul  | -0.02    |
| 2) Naphthalene-d8           | 10.49 | 136  | 2339     | 0.40 | ng/ul  | -0.01    |
| 6) Acenaphthene-d10         | 14.35 | 164  | 1448     | 0.40 | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.09 | 188  | 2867m    | 0.40 | ng/ul  | -0.02    |
| 16) Chrysene-d12            | 21.29 | 240  | 2807     | 0.40 | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.52 | 264  | 2223m    | 0.40 | ng/ul  | -0.01    |
| System Monitoring Compounds |       |      |          |      |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.09 | 152  | 1049     | 0.32 | ng/ul  | -0.01    |
| 14) Fluoranthene-d10        | 19.13 | 212  | 2283     | 0.28 | ng/ul  | 0.00     |
| Target Compounds            |       |      |          |      |        |          |
| 12) Phenanthrene            | 17.12 | 178  | 467m     | 0.05 | ng/ul  |          |
| 15) Fluoranthene            | 19.16 | 202  | 1450     | 0.13 | ng/ul  | 92       |
| 17) Pyrene                  | 19.52 | 202  | 1632     | 0.17 | ng/ul# | 93       |
| 18) Benzo(a)anthracene      | 21.27 | 228  | 557      | 0.06 | ng/ul# | 71       |
| 19) Chrysene                | 21.32 | 228  | 707      | 0.07 | ng/ul# | 76       |
| 23) Benzo(a)pyrene          | 23.42 | 252  | 679m     | 0.08 | ng/ul  |          |
| 24) Indeno(1,2,3-cd)pyrene  | 25.79 | 276  | 462m     | 0.04 | ng/ul  |          |
| 26) Benzo(g,h,i)perylene    | 26.47 | 276  | 426m     | 0.05 | ng/ul  |          |

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

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