

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112316\  
 Data File : BM008052.D  
 Acq On : 24 Nov 2016 02:01  
 Operator : UM/SJ  
 Sample : H5694-02  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 JHSR1

Manual Integrations  
 APPROVED

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

Quant Time: Nov 28 10:38:25 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   | 7.73  | 152  | 554      | 0.40  | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.49 | 136  | 1859     | 0.40  | ng/ul  | -0.01    |
| 6) Acenaphthene-d10         | 14.35 | 164  | 1129     | 0.40  | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.09 | 188  | 2383m    | 0.40  | ng/ul  | -0.02    |
| 16) Chrysene-d12            | 21.28 | 240  | 2758     | 0.40  | ng/ul  | -0.01    |
| 20) Perylene-d12            | 23.52 | 264  | 2312m    | 0.40  | ng/ul  | -0.01    |
| System Monitoring Compounds |       |      |          |       |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.11 | 152  | 581      | 0.22  | ng/ul  | 0.01     |
| 14) Fluoranthene-d10        | 19.13 | 212  | 1731m    | 0.26  | ng/ul  | 0.00     |
| Target Compounds            |       |      |          |       |        | Ovalue   |
| 3) Naphthalene              | 10.54 | 128  | 1148     | 0.22  | ng/ul# | 92       |
| 5) 2-Methylnaphthalene      | 12.18 | 142  | 575      | 0.17  | ng/ul  | 100      |
| 8) Acenaphthene             | 14.40 | 153  | 4389     | 1.13  | ng/ul  | 95       |
| 9) Fluorene                 | 15.41 | 166  | 7064     | 1.58  | ng/ul  | 94       |
| 12) Phenanthrene            | 17.12 | 178  | 84198    | 11.35 | ng/ul  | 95       |
| 13) Anthracene              | 17.23 | 178  | 35796    | 5.14  | ng/ul# | 93       |
| 15) Fluoranthene            | 19.16 | 202  | 187153   | 19.54 | ng/ul  | 93       |
| 17) Pyrene                  | 19.52 | 202  | 146236   | 15.27 | ng/ul  | 96       |
| 18) Benzo(a)anthracene      | 21.26 | 228  | 110204   | 13.02 | ng/ul  | 95       |
| 19) Chrysene                | 21.31 | 228  | 83337    | 7.91  | ng/ul  | 93       |
| 21) Benzo(b)fluoranthene    | 22.85 | 252  | 111556m  | 12.09 | ng/ul  |          |
| 22) Benzo(k)fluoranthene    | 22.89 | 252  | 34727m   | 3.65  | ng/ul  |          |
| 23) Benzo(a)pyrene          | 23.42 | 252  | 74536m   | 8.62  | ng/ul  |          |
| 24) Indeno(1,2,3-cd)pyrene  | 25.77 | 276  | 42708m   | 4.00  | ng/ul  |          |
| 25) Dibenzo(a,h)anthracene  | 25.78 | 278  | 14095m   | 1.65  | ng/ul  |          |
| 26) Benzo(a,h,i)perylene    | 26.45 | 276  | 31575m   | 3.33  | ng/ul  |          |

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

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