

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112316\  
 Data File : BM008067.D  
 Acq On : 24 Nov 2016 10:55  
 Operator : UM/SJ  
 Sample : H5701-09  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A4WD7

Manual Integrations  
 APPROVED

Umangi  
 11/28/2016 5:30:01 PM

Quant Time: Nov 25 02:16:11 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  | 736      | 0.40  | ng/ul  | -0.02    |
| 2) Naphthalene-d8           | 10.49 | 136  | 2529     | 0.40  | ng/ul  | -0.01    |
| 6) Acenaphthene-d10         | 14.35 | 164  | 1560     | 0.40  | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.09 | 188  | 3198m    | 0.40  | ng/ul  | -0.02    |
| 16) Chrysene-d12            | 21.29 | 240  | 3236     | 0.40  | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.53 | 264  | 2418m    | 0.40  | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |       |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.09 | 152  | 823      | 0.23  | ng/ul  | -0.01    |
| 14) Fluoranthene-d10        | 19.13 | 212  | 2454m    | 0.27  | ng/ul  | 0.00     |
| Target Compounds            |       |      |          |       |        | Ovalue   |
| 3) Naphthalene              | 10.54 | 128  | 10401    | 1.47  | ng/ul  | 94       |
| 5) 2-Methylnaphthalene      | 12.16 | 142  | 2781     | 0.61  | ng/ul  | 99       |
| 7) Acenaphthylene           | 14.06 | 152  | 3318     | 0.47  | ng/ul  | 99       |
| 8) Acenaphthene             | 14.40 | 153  | 8037     | 1.50  | ng/ul  | 97       |
| 9) Fluorene                 | 15.39 | 166  | 11023    | 1.79  | ng/ul# | 84       |
| 12) Phenanthrene            | 17.12 | 178  | 124063   | 12.46 | ng/ul  | 94       |
| 13) Anthracene              | 17.23 | 178  | 32283    | 3.45  | ng/ul# | 92       |
| 15) Fluoranthene            | 19.15 | 202  | 164794   | 12.82 | ng/ul  | 94       |
| 17) Pyrene                  | 19.52 | 202  | 144659   | 12.88 | ng/ul# | 94       |
| 18) Benzo(a)anthracene      | 21.27 | 228  | 81128    | 8.17  | ng/ul  | 98       |
| 19) Chrysene                | 21.32 | 228  | 71367    | 5.78  | ng/ul  | 98       |
| 21) Benzo(b)fluoranthene    | 22.85 | 252  | 92625m   | 9.60  | ng/ul  |          |
| 22) Benzo(k)fluoranthene    | 22.89 | 252  | 23377m   | 2.35  | ng/ul  |          |
| 23) Benzo(a)pyrene          | 23.42 | 252  | 63529m   | 7.03  | ng/ul  |          |
| 24) Indeno(1,2,3-cd)pyrene  | 25.77 | 276  | 38106m   | 3.41  | ng/ul  |          |
| 25) Dibenzo(a,h)anthracene  | 25.77 | 278  | 11229m   | 1.25  | ng/ul  |          |
| 26) Benzo(a,h,i)perylene    | 26.46 | 276  | 31887m   | 3.22  | ng/ul  |          |

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

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