

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012517\  
 Data File : BM008865.D  
 Acq On : 25 Jan 2017 16:50  
 Operator : SJ/MA  
 Sample : I1320-08  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 X2814

Manual Integrations  
 APPROVED

mohammad  
 1/26/2017 5:10:16 PM

Quant Time: Jan 25 17:52:49 2017  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM010917.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jan 25 16:35:23 2017  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.93  | 152  | 186      | 0.40 | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.74 | 136  | 566      | 0.40 | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.57 | 164  | 359      | 0.40 | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.31 | 188  | 810      | 0.40 | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.48 | 240  | 816      | 0.40 | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.84 | 264  | 1028     | 0.40 | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |      |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.32 | 152  | 275      | 0.29 | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 19.33 | 212  | 950      | 0.40 | ng/ul  | 0.00     |
| Target Compounds            |       |      |          |      |        |          |
|                             |       |      |          |      | Ovalue |          |
| 3) Naphthalene              | 10.78 | 128  | 407      | 0.26 | ng/ul# | 67       |
| 5) 2-Methylnaphthalene      | 12.39 | 142  | 283      | 0.25 | ng/ul  | 93       |
| 7) Acenaphthylene           | 14.28 | 152  | 499      | 0.32 | ng/ul# | 79       |
| 9) Fluorene                 | 15.62 | 166  | 486      | 0.34 | ng/ul# | 93       |
| 11) Pentachlorophenol       | 16.95 | 266  | 94       | 0.25 | ng/ul  | 96       |
| 12) Phenanthrene            | 17.35 | 178  | 1623     | 0.66 | ng/ul  | 97       |
| 13) Anthracene              | 17.43 | 178  | 420m     | 0.17 | ng/ul  |          |
| 15) Fluoranthene            | 19.37 | 202  | 1467     | 0.47 | ng/ul  | 92       |
| 17) Pyrene                  | 19.73 | 202  | 1671     | 0.51 | ng/ul  | 96       |
| 18) Benzo(a)anthracene      | 21.46 | 228  | 2255     | 0.75 | ng/ul  | 97       |
| 19) Chrysene                | 21.52 | 228  | 1364     | 0.48 | ng/ul  | 97       |
| 21) Benzo(b)fluoranthene    | 23.11 | 252  | 1364     | 0.31 | ng/ul  | 92       |
| 22) Benzo(k)fluoranthene    | 23.16 | 252  | 1827     | 0.48 | ng/ul# | 94       |
| 24) Indeno(1,2,3-cd)pyrene  | 26.25 | 276  | 1960     | 0.42 | ng/ul# | 88       |
| 25) Dibenzo(a,h)anthracene  | 26.26 | 278  | 1828     | 0.49 | ng/ul  | 96       |
| 26) Benzo(a,h,i)perylene    | 26.99 | 276  | 2548     | 0.62 | ng/ul# | 88       |

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

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