

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122416\  
 Data File : BM008633.D  
 Acq On : 24 Dec 2016 15:16  
 Operator : UM/SJ  
 Sample : H5995-02  
 Misc :  
 ALS Vial : 38 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DA863

Manual Integrations  
 APPROVED

sohil  
 12/26/2016 6:26:48 PM

Quant Time: Dec 26 13:55:48 2016  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM121916.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Dec 24 04:56:03 2016  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.65  | 152  | 638      | 0.40   | ng/ul  | -0.09    |
| 2) Naphthalene-d8           | 10.42 | 136  | 2392m    | 0.40   | ng/ul  | -0.08    |
| 6) Acenaphthene-d10         | 14.28 | 164  | 2796m    | 0.40   | ng/ul  | -0.03    |
| 10) Phenanthrene-d10        | 17.04 | 188  | 1788m    | 0.40   | ng/ul  | -0.05    |
| 16) Chrysene-d12            | 21.26 | 240  | 2762m    | 0.40   | ng/ul  | -0.01    |
| 20) Perylene-d12            | 23.49 | 264  | 3373m    | 0.40   | ng/ul  | -0.01    |
| System Monitoring Compounds |       |      |          |        |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.01 | 152  | 698m     | 0.19   | ng/ul  | -0.09    |
| 14) Fluoranthene-d10        | 19.08 | 212  | 1897m    | 0.39   | ng/ul  | -0.02    |
| Target Compounds            |       |      |          |        |        |          |
|                             |       |      |          |        | Ovalue |          |
| 3) Naphthalene              | 10.46 | 128  | 105409   | 15.66  | ng/ul# | 92       |
| 5) 2-Methylnaphthalene      | 12.08 | 142  | 24713    | 5.46   | ng/ul  | 99       |
| 8) Acenaphthene             | 14.33 | 153  | 138807m  | 14.59  | ng/ul  |          |
| 9) Fluorene                 | 15.34 | 166  | 85113m   | 7.84   | ng/ul  |          |
| 12) Phenanthrene            | 17.09 | 178  | 868338m  | 159.03 | ng/ul  |          |
| 13) Anthracene              | 17.18 | 178  | 162174m  | 30.59  | ng/ul  |          |
| 15) Fluoranthene            | 19.12 | 202  | 1129392m | 168.72 | ng/ul  |          |
| 17) Pyrene                  | 19.48 | 202  | 957459m  | 89.68  | ng/ul  |          |
| 18) Benzo(a)anthracene      | 21.24 | 228  | 502752m  | 55.43  | ng/ul  |          |
| 19) Chrysene                | 21.29 | 228  | 464774m  | 46.81  | ng/ul  |          |
| 21) Benzo(b)fluoranthene    | 22.83 | 252  | 636489m  | 47.90  | ng/ul  |          |
| 22) Benzo(k)fluoranthene    | 22.86 | 252  | 233917m  | 18.05  | ng/ul  |          |
| 23) Benzo(a)pyrene          | 23.40 | 252  | 488688m  | 39.68  | ng/ul  |          |
| 24) Indeno(1,2,3-cd)pyrene  | 25.73 | 276  | 326844m  | 22.27  | ng/ul  |          |
| 25) Dibenzo(a,h)anthracene  | 25.73 | 278  | 74984m   | 6.39   | ng/ul  |          |
| 26) Benzo(a,h,i)perylene    | 26.43 | 276  | 279473m  | 22.20  | ng/ul  |          |

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

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