

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM123015\  
 Data File : BM003839.D  
 Acq On : 28 Dec 2015 21:34  
 Operator : SJ/UM  
 Sample : G4849-02  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Dec 29 07:56:13 2015  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-SIM-BM121515.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Dec 29 07:09:39 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.68  | 152  | 3648     | 0.40 | ng/ul | 0.00     |
| 4) Naphthalene-d8         | 10.46 | 136  | 16321    | 0.40 | ng/ul | -0.01    |
| 8) Acenaphthene-d10       | 14.33 | 164  | 10302    | 0.40 | ng/ul | 0.00     |
| 12) Phenanthrene-d10      | 17.07 | 188  | 22346m   | 0.40 | ng/ul | 0.00     |
| 18) Chrysene-d12          | 21.29 | 240  | 19476    | 0.40 | ng/ul | 0.00     |
| 22) Perylene-d12          | 23.52 | 264  | 12754m   | 0.40 | ng/ul | -0.01    |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 2) 1,4-Dioxane-d8           | 3.14  | 96   | 21256    | 13.63 | ng/uL | -0.02    |
| 6) 2-Methylnaphthalene-d10  | 12.06 | 152  | 8416     | 0.43  | ng/ul | -0.01    |
| 16) Fluoranthene-d10        | 19.11 | 212  | 21191m   | 0.45  | ng/ul | -0.01    |

| Target Compounds           | R.T.  | QIon | Response | Conc  | Units  | Qvalue |
|----------------------------|-------|------|----------|-------|--------|--------|
| 5) Naphthalene             | 10.51 | 128  | 404591   | 11.00 | ng/ul  | 97     |
| 7) 2-Methylnaphthalene     | 12.13 | 142  | 48476    | 1.96  | ng/ul  | 99     |
| 9) Acenaphthylene          | 14.04 | 152  | 1239     | 0.03  | ng/ul# | 80     |
| 10) Acenaphthene           | 14.38 | 153  | 27193    | 0.86  | ng/ul# | 81     |
| 11) Fluorene               | 15.39 | 166  | 39028    | 1.11  | ng/ul  | 96     |
| 14) Phenanthrene           | 17.11 | 178  | 112907m  | 1.96  | ng/ul  |        |
| 15) Anthracene             | 17.21 | 178  | 12975    | 0.26  | ng/ul  | 98     |
| 17) Fluoranthene           | 19.15 | 202  | 52423    | 0.84  | ng/ul  | 93     |
| 19) Pyrene                 | 19.51 | 202  | 37714    | 0.72  | ng/ul  | 95     |
| 20) Benzo(a)anthracene     | 21.27 | 228  | 6979     | 0.15  | ng/ul  | 94     |
| 21) Chrysene               | 21.32 | 228  | 5731     | 0.11  | ng/ul  | 93     |
| 26) Indeno(1,2,3-cd)pyrene | 25.77 | 276  | 641m     | 0.02  | ng/ul  |        |
| 28) Benzo(g,h,i)perylene   | 26.47 | 276  | 599m     | 0.02  | ng/ul  |        |

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

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