

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042816\  
 Data File : BM005129.D  
 Acq On : 29 Apr 2016 00:29  
 Operator : UM/SJ  
 Sample : H2639-14  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BC7J6

Quant Time: Apr 29 05:22:00 2016  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM042516.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Apr 29 02:20:37 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.79  | 152  | 39268    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.57 | 136  | 185226   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.43 | 164  | 119879   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.17 | 188  | 283743   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.36 | 240  | 314776   | 20.00 | ng/ul | -0.01    |
| 83) Perylene-d12          | 23.64 | 264  | 263018   | 20.00 | ng/ul | -0.01    |

| System Monitoring Compounds    | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 3) 1,4-Dioxane-d8              | 3.29  | 96   | 4967     | 6.43  | ng/uL | 0.00     |
| 5) Phenol-d5                   | 6.96  | 99   | 113682   | 35.00 | ng/ul | 0.00     |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.12  | 67   | 66836    | 36.16 | ng/ul | 0.00     |
| 9) 2-Chlorophenol-d4           | 7.32  | 132  | 90392    | 35.17 | ng/ul | 0.00     |
| 13) 4-Methylphenol-d8          | 8.49  | 113  | 97854    | 35.53 | ng/ul | 0.00     |
| 19) Nitrobenzene-d5            | 8.95  | 128  | 46001    | 35.86 | ng/ul | 0.00     |
| 22) 2-Nitrophenol-d4           | 9.66  | 143  | 53845    | 37.62 | ng/ul | 0.00     |
| 26) 2,4-Dichlorophenol-d3      | 10.20 | 165  | 95875    | 35.26 | ng/ul | 0.00     |
| 29) 4-Chloroaniline-d4         | 10.72 | 131  | 205318   | 64.43 | ng/ul | 0.00     |
| 43) Dimethylphthalate-d6       | 13.84 | 166  | 328268   | 34.67 | ng/ul | 0.00     |
| 46) Acenaphthylene-d8          | 14.12 | 160  | 391083   | 34.69 | ng/ul | 0.00     |
| 51) 4-Nitrophenol-d4           | 14.63 | 143  | 53969    | 32.61 | ng/ul | 0.00     |
| 57) Fluorene-d10               | 15.42 | 176  | 284267   | 34.17 | ng/ul | 0.00     |
| 62) 4,6-Dinitro-2-methylphenol | 15.54 | 200  | 44704    | 27.70 | ng/ul | 0.00     |
| 70) Anthracene-d10             | 17.27 | 188  | 451664   | 35.50 | ng/ul | 0.00     |
| 76) Pyrene-d10                 | 19.57 | 212  | 517387   | 36.10 | ng/ul | 0.00     |
| 87) Benzo(a)pyrene-d12         | 23.50 | 264  | 435803   | 36.98 | ng/ul | -0.01    |

| Target Compounds        | R.T.  | QIon | Response | Conc  | Units | Ovalue |
|-------------------------|-------|------|----------|-------|-------|--------|
| 28) Naphthalene         | 10.63 | 128  | 148437   | 15.89 | ng/ul | 100    |
| 34) 2-Methylnaphthalene | 12.24 | 142  | 36116    | 5.22  | ng/ul | 98     |
| 40) 1,1'-Biphenyl       | 13.26 | 154  | 9991     | 1.05  | ng/ul | 98     |
| 44) Dimethylphthalate   | 13.88 | 163  | 86839    | 9.15  | ng/ul | 100    |
| 49) Acenaphthene        | 14.49 | 153  | 28342    | 3.61  | ng/ul | 98     |
| 53) Dibenzofuran        | 14.83 | 168  | 43228    | 3.73  | ng/ul | 99     |
| 58) Fluorene            | 15.48 | 166  | 32667    | 3.64  | ng/ul | 99     |
| 69) Phenanthrene        | 17.22 | 178  | 144426   | 9.56  | ng/ul | 99     |
| 72) Carbazole           | 17.58 | 167  | 18996    | 1.46  | ng/ul | 99     |
| 74) Fluoranthene        | 19.23 | 202  | 77464    | 4.66  | ng/ul | 99     |
| 77) Pyrene              | 19.60 | 202  | 55618    | 3.06  | ng/ul | 99     |

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

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