

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\  
 Data File : BG025186.D  
 Acq On : 14 Dec 2016 21:38  
 Operator : UM/SJ  
 Sample : H5938-04  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DA826

Quant Time: Dec 15 04:02:29 2016  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Dec 15 03:57:23 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.24  | 152  | 72909    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 11.06 | 136  | 350883   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.86 | 164  | 307905   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.60 | 188  | 627408   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.90 | 240  | 738864   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 25.31 | 264  | 749702   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.58  | 96  | 6308   | 4.47  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.38  | 99  | 153156 | 24.35 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.55  | 67  | 98187  | 25.23 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.76  | 132 | 104461 | 23.75 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.94  | 113 | 131392 | 25.00 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.41  | 128 | 58013  | 23.35 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.14 | 143 | 69958  | 22.59 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.68 | 165 | 132867 | 22.30 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.20 | 131 | 87093  | 14.88 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 14.25 | 166 | 477756 | 22.56 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.55 | 160 | 540490 | 23.30 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 15.06 | 143 | 67632  | 18.58 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.85 | 176 | 439749 | 22.06 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.97 | 200 | 75319  | 19.42 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.70 | 188 | 633610 | 23.93 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.98 | 212 | 795916 | 26.15 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 25.08 | 264 | 790108 | 26.01 | ng/ul | 0.00 |

## Target Compounds

|                          |       |     |        |       |        | Ovalue |
|--------------------------|-------|-----|--------|-------|--------|--------|
| 6) Phenol                | 7.41  | 94  | 8516   | 1.32  | ng/ul# | 82     |
| 44) Dimethylphthalate    | 14.29 | 163 | 381806 | 18.34 | ng/ul# | 96     |
| 74) Fluoranthene         | 19.64 | 202 | 40384  | 1.13  | ng/ul# | 89     |
| 77) Pyrene               | 20.00 | 202 | 37993  | 1.07  | ng/ul# | 95     |
| 85) Benzo(b)fluoranthene | 24.21 | 252 | 49286  | 1.33  | ng/ul# | 88     |

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

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