

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG103017\  
 Data File : BG030604.D  
 Acq On : 31 Oct 2017 7:15  
 Operator : SJ/JU  
 Sample : I5886-14  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 ESNF2

Quant Time: Oct 31 08:37:23 2017  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG101417.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Oct 31 07:15:18 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.16  | 152  | 73933    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.98 | 136  | 368594   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.78 | 164  | 233067   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.52 | 188  | 515610   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.79 | 240  | 555781   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 25.10 | 264  | 553769   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.55  | 96  | 4825   | 2.65  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.32  | 99  | 81566  | 11.49 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.48  | 67  | 55517  | 12.50 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.69  | 132 | 69619  | 13.91 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.86  | 113 | 65993  | 11.51 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.33  | 128 | 38630  | 14.60 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.05 | 143 | 47383  | 17.48 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.60 | 165 | 84717  | 13.71 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.18 | 131 | 839    | 0.12  | ng/ul | 0.08 |
| 43) Dimethylphthalate-d6       | 14.17 | 166 | 291120 | 14.61 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.47 | 160 | 362954 | 14.98 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.97 | 143 | 26046  | 7.08  | ng/ul | 0.01 |
| 57) Fluorene-d10               | 15.77 | 176 | 260322 | 15.95 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.88 | 200 | 27080  | 10.76 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.61 | 188 | 369150 | 15.14 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.89 | 212 | 425990 | 14.81 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 24.87 | 264 | 386543 | 14.74 | ng/ul | 0.00 |

## Target Compounds

|                          |       |     |       |              | Qvalue |
|--------------------------|-------|-----|-------|--------------|--------|
| 69) Phenanthrene         | 17.56 | 178 | 42690 | 1.532 ng/ul  | 99     |
| 74) Fluoranthene         | 19.56 | 202 | 53245 | 1.709 ng/ul  | 98     |
| 77) Pyrene               | 19.91 | 202 | 49577 | 1.331 ng/ul# | 96     |
| 85) Benzo(b)fluoranthene | 24.05 | 252 | 39699 | 1.194 ng/ul# | 92     |

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

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