

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\  
 Data File : BG025218.D  
 Acq On : 15 Dec 2016 19:18  
 Operator : UM/SJ  
 Sample : H5995-11  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DA876

Manual Integrations  
 APPROVED

UMANGI  
 12/16/2016 6:21:18 PM

Quant Time: Dec 16 04:33:50 2016  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Dec 16 03:23:37 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.24  | 152  | 67774    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 11.06 | 136  | 303483   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.86 | 164  | 248418   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.60 | 188  | 516849   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.89 | 240  | 653818   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 25.30 | 264  | 626494   | 20.00 | ng/ul | -0.01    |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.59  | 96  | 2630   | 2.00  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.38  | 99  | 79350  | 13.57 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.55  | 67  | 51336  | 14.19 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.76  | 132 | 57576  | 14.08 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.94  | 113 | 66391  | 13.59 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.41  | 128 | 30461  | 14.17 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.13 | 143 | 37551  | 14.02 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.69 | 165 | 70214  | 13.63 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.20 | 131 | 60877m | 12.02 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 14.25 | 166 | 245917 | 14.39 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.55 | 160 | 293203 | 15.67 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 15.07 | 143 | 32873  | 11.19 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.84 | 176 | 219377 | 13.64 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.96 | 200 | 21001  | 6.57  | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.70 | 188 | 355598 | 16.30 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.97 | 212 | 443595 | 16.47 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 25.07 | 264 | 411251 | 16.20 | ng/ul | 0.00 |

## Target Compounds

|                         |       |     |        |       | Ovalue    |
|-------------------------|-------|-----|--------|-------|-----------|
| 6) Phenol               | 7.42  | 94  | 16784  | 2.80  | ng/ul 95  |
| 28) Naphthalene         | 11.11 | 128 | 78393  | 5.56  | ng/ul 97  |
| 34) 2-Methylnaphthalene | 12.70 | 142 | 173601 | 15.59 | ng/ul 99  |
| 40) 1,1'-Biphenyl       | 13.68 | 154 | 56363  | 3.74  | ng/ul# 95 |
| 44) Dimethylphthalate   | 14.29 | 163 | 36142  | 2.15  | ng/ul# 93 |
| 49) Acenaphthene        | 14.92 | 153 | 16963  | 1.36  | ng/ul# 82 |
| 53) Dibenzofuran        | 15.25 | 168 | 47912  | 2.43  | ng/ul 94  |
| 58) Fluorene            | 15.90 | 166 | 53500  | 3.33  | ng/ul# 94 |
| 69) Phenanthrene        | 17.64 | 178 | 29627  | 1.20  | ng/ul# 89 |

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

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