

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012517\  
 Data File : BG025638.D  
 Acq On : 25 Jan 2017 17:41  
 Operator : SJ/MA  
 Sample : I1362-03  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BDN25

Manual Integrations  
 APPROVED

mohammad  
 1/26/2017 5:11:14 PM

Quant Time: Jan 25 18:25:27 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG011817.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Jan 25 18:08:33 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.18  | 152  | 60267    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 11.00 | 136  | 293977   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.80 | 164  | 251891   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.55 | 188  | 596291m  | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.85 | 240  | 702229   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 25.23 | 264  | 730831   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.52  | 96  | 3087m  | 2.56  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.34  | 99  | 69951  | 13.54 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.49  | 67  | 76144  | 22.83 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.71  | 132 | 33955  | 9.32  | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.90  | 113 | 69871  | 15.91 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.36  | 128 | 42494  | 20.39 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.10 | 143 | 3436m  | 1.38  | ng/ul | 0.02 |
| 26) 2,4-Dichlorophenol-d3      | 10.67 | 165 | 15278  | 3.11  | ng/ul | 0.04 |
| 29) 4-Chloroaniline-d4         | 11.15 | 131 | 121099 | 22.09 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 14.20 | 166 | 370090 | 20.81 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.50 | 160 | 462780 | 24.09 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 15.04 | 143 | 85     | 0.03  | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.80 | 176 | 384881 | 22.95 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 16.04 | 200 | 54     | 0.01  | ng/ul | 0.10 |
| 70) Anthracene-d10             | 17.65 | 188 | 611948 | 24.10 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.93 | 212 | 717247 | 24.55 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 25.00 | 264 | 733116 | 23.87 | ng/ul | 0.00 |

## Target Compounds

|                       |       |     |       |      | Ovalue |    |
|-----------------------|-------|-----|-------|------|--------|----|
| 6) Phenol             | 7.39  | 94  | 8766  | 1.62 | ng/ul# | 69 |
| 44) Dimethylphthalate | 14.25 | 163 | 57898 | 3.31 | ng/ul  | 99 |

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

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