

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102115\  
 Data File : BG019291.D  
 Acq On : 21 Oct 2015 21:59  
 Operator : UM/NP  
 Sample : G4057-13  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 E5LM8

Manual Integrations  
 APPROVED

MMdadoda  
 10/22/2015 4:55:53 PM

Quant Time: Oct 22 09:05:26 2015  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Oct 21 01:23:32 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.99  | 152  | 13200    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.79 | 136  | 61995    | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.62 | 164  | 47856    | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.37 | 188  | 117406   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.63 | 240  | 135176   | 20.00 | ng/ul | -0.01    |
| 86) Perylene-d12          | 24.82 | 264  | 135158   | 20.00 | ng/ul | -0.01    |

| System Monitoring Compounds    | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 3) 1,4-Dioxane-d8              | 3.42  | 96   | 191      | 0.81  | ng/uL | 0.00     |
| 5) Phenol-d5                   | 7.16  | 99   | 7005     | 6.08  | ng/ul | 0.00     |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.31  | 67   | 19282    | 26.01 | ng/ul | 0.00     |
| 9) 2-Chlorophenol-d4           | 7.52  | 132  | 20380    | 24.27 | ng/ul | 0.00     |
| 13) 4-Methylphenol-d8          | 8.70  | 113  | 13985    | 14.33 | ng/ul | 0.00     |
| 19) Nitrobenzene-d5            | 9.15  | 128  | 13855    | 29.01 | ng/ul | 0.00     |
| 22) 2-Nitrophenol-d4           | 9.87  | 143  | 17104    | 33.74 | ng/ul | -0.01    |
| 26) 2,4-Dichlorophenol-d3      | 10.41 | 165  | 29869    | 29.75 | ng/ul | 0.00     |
| 29) 4-Chloroaniline-d4         | 10.93 | 131  | 2549m    | 1.97  | ng/ul | 0.00     |
| 44) Dimethylphthalate-d6       | 14.02 | 166  | 125387   | 29.96 | ng/ul | 0.00     |
| 47) Acenaphthylene-d8          | 14.31 | 160  | 137358   | 30.36 | ng/ul | 0.00     |
| 52) 4-Nitrophenol-d4           | 14.84 | 143  | 4337     | 5.76  | ng/ul | 0.00     |
| 58) Fluorene-d10               | 15.61 | 176  | 111294   | 31.11 | ng/ul | 0.00     |
| 63) 4,6-Dinitro-2-methylphenol | 15.73 | 200  | 23701    | 32.72 | ng/ul | 0.00     |
| 71) Anthracene-d10             | 17.47 | 188  | 177953   | 32.08 | ng/ul | 0.00     |
| 79) Pyrene-d10                 | 19.75 | 212  | 203986   | 33.27 | ng/ul | 0.00     |
| 90) Benzo(a)pyrene-d12         | 24.60 | 264  | 223118   | 32.68 | ng/ul | 0.00     |

| Target Compounds        | R.T.  | QIon | Response | Conc | Units  | Ovalue |
|-------------------------|-------|------|----------|------|--------|--------|
| 45) Dimethylphthalate   | 14.07 | 163  | 6568     | 1.56 | ng/ul# | 93     |
| 57) Diethylphthalate    | 15.43 | 149  | 6518     | 1.49 | ng/ul# | 96     |
| 76) Di-n-butylphthalate | 18.32 | 149  | 7953     | 1.05 | ng/ul# | 89     |

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

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