

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\  
 Data File : BG019405.D  
 Acq On : 29 Oct 2015 6:37  
 Operator : UM/NP  
 Sample : G4120-20  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 E5LT2

Manual Integrations  
 APPROVED

Mmdadoda  
 10/30/2015 6:32:19 PM

Quant Time: Oct 30 10:09:48 2015  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Oct 29 04:26:00 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.21  | 152  | 30861    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 11.04 | 136  | 130291   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.84 | 164  | 108728   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.57 | 188  | 260931   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.86 | 240  | 315389   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 25.24 | 264  | 300504   | 20.00 | ng/ul | 0.00     |

| System Monitoring Compounds    | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 3) 1,4-Dioxane-d8              | 3.51  | 96   | 1650     | 2.56  | ng/uL | 0.00     |
| 5) Phenol-d5                   | 7.36  | 99   | 22726    | 8.02  | ng/ul | 0.00     |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.52  | 67   | 57699    | 32.13 | ng/ul | 0.00     |
| 9) 2-Chlorophenol-d4           | 7.73  | 132  | 48792    | 27.59 | ng/ul | 0.00     |
| 13) 4-Methylphenol-d8          | 8.92  | 113  | 42284    | 18.74 | ng/ul | 0.00     |
| 19) Nitrobenzene-d5            | 9.38  | 128  | 31846    | 33.26 | ng/ul | 0.00     |
| 22) 2-Nitrophenol-d4           | 10.11 | 143  | 36246    | 31.89 | ng/ul | 0.00     |
| 26) 2,4-Dichlorophenol-d3      | 10.66 | 165  | 79412    | 32.20 | ng/ul | 0.00     |
| 29) 4-Chloroaniline-d4         | 11.18 | 131  | 4634m    | 1.86  | ng/ul | 0.01     |
| 44) Dimethylphthalate-d6       | 14.24 | 166  | 274436   | 30.61 | ng/ul | 0.00     |
| 47) Acenaphthylene-d8          | 14.53 | 160  | 300821   | 30.30 | ng/ul | 0.00     |
| 52) 4-Nitrophenol-d4           | 15.04 | 143  | 9700m    | 6.81  | ng/ul | 0.03     |
| 58) Fluorene-d10               | 15.82 | 176  | 260177   | 31.37 | ng/ul | 0.00     |
| 63) 4,6-Dinitro-2-methylphenol | 15.93 | 200  | 58682    | 34.75 | ng/ul | 0.00     |
| 71) Anthracene-d10             | 17.67 | 188  | 412105   | 34.65 | ng/ul | 0.00     |
| 79) Pyrene-d10                 | 19.95 | 212  | 478374   | 34.66 | ng/ul | 0.00     |
| 90) Benzo(a)pyrene-d12         | 25.01 | 264  | 511969   | 33.95 | ng/ul | 0.00     |

| Target Compounds        | R.T.  | QIon | Response | Conc | Units  | Ovalue |
|-------------------------|-------|------|----------|------|--------|--------|
| 24) 2,4-Dimethylphenol  | 10.21 | 107  | 3630     | 1.08 | ng/ul# | 66     |
| 27) 2,4-Dichlorophenol  | 10.67 | 162  | 7867     | 3.34 | ng/ul# | 55     |
| 28) Naphthalene         | 11.09 | 128  | 8218     | 1.26 | ng/ul# | 92     |
| 35) 1-Methylnaphthalene | 12.90 | 142  | 11603    | 2.34 | ng/ul# | 73     |

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

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