

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG112215\  
 Data File : BG019799.D  
 Acq On : 23 Nov 2015 2:30  
 Operator : UM/NP  
 Sample : G4345-18  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 A4J63

Manual Integrations  
 APPROVED

Mmdadoda  
 11/23/2015 7:14:29 PM

Quant Time: Nov 23 05:50:19 2015  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG111615.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Nov 23 04:11:25 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.11  | 152  | 19568    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.94 | 136  | 85565    | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.75 | 164  | 76629    | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.49 | 188  | 212410   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.77 | 240  | 279783   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 25.07 | 264  | 268125   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.39  | 96  | 1579    | 3.45  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.26  | 99  | 37488   | 18.70 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.42  | 67  | 24234   | 18.45 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.64  | 132 | 24728   | 19.24 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.82  | 113 | 29762   | 17.93 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.28  | 128 | 13337   | 18.98 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.02 | 143 | 16760   | 21.20 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.56 | 165 | 34914   | 20.42 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.08 | 131 | 8020    | 4.94  | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 14.15 | 166 | 138566  | 19.99 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 14.45 | 160 | 138991  | 18.50 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.94 | 143 | 18573   | 17.01 | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.74 | 176 | 118330  | 19.08 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.86 | 200 | 23903   | 17.42 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.59 | 188 | 169326m | 16.42 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.87 | 212 | 180787  | 14.18 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 24.83 | 264 | 157527  | 11.25 | ng/ul | 0.00 |

## Target Compounds

|                       |       |     |       |       | Qvalue |    |
|-----------------------|-------|-----|-------|-------|--------|----|
| 6) Phenol             | 7.29  | 94  | 2747  | 1.27  | ng/ul# | 84 |
| 45) Dimethylphthalate | 14.19 | 163 | 86638 | 12.61 | ng/ul  | 99 |
| 77) Fluoranthene      | 19.54 | 202 | 21105 | 1.46  | ng/ul  | 97 |
| 80) Pyrene            | 19.90 | 202 | 18658 | 1.14  | ng/ul  | 98 |

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

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