

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG032916\  
 Data File : BG021558.D  
 Acq On : 29 Mar 2016 18:57  
 Operator : UM/SJ  
 Sample : H1935-07  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C0AD3

Manual Integrations  
 APPROVED

Sohil  
 3/30/2016 7:11:47 PM

Quant Time: Mar 30 05:20:30 2016  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG031616.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Mar 30 01:34:35 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.15  | 152  | 19772m   | 20.00 | ng/ul | 0.10     |
| 18) Naphthalene-d8        | 10.89 | 136  | 50232m   | 20.00 | ng/ul | 0.03     |
| 36) Acenaphthene-d10      | 14.67 | 164  | 30722    | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.41 | 188  | 76010    | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.66 | 240  | 86123    | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 24.87 | 264  | 83717    | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.46  | 96  | 209    | 0.47  | ng/uL | 0.01 |
| 5) Phenol-d5                   | 7.35  | 99  | 5599   | 3.00  | ng/ul | 0.01 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.40  | 67  | 19887m | 17.96 | ng/ul | 0.02 |
| 9) 2-Chlorophenol-d4           | 7.65  | 132 | 19873  | 14.00 | ng/ul | 0.02 |
| 13) 4-Methylphenol-d8          | 8.86  | 113 | 11984  | 7.49  | ng/ul | 0.02 |
| 19) Nitrobenzene-d5            | 9.24  | 128 | 13116  | 34.80 | ng/ul | 0.01 |
| 22) 2-Nitrophenol-d4           | 9.95  | 143 | 14486  | 33.63 | ng/ul | 0.01 |
| 26) 2,4-Dichlorophenol-d3      | 10.59 | 165 | 22851  | 29.67 | ng/ul | 0.02 |
| 29) 4-Chloroaniline-d4         | 0.00  | 131 | 0d     | 0.00  | ng/ul |      |
| 44) Dimethylphthalate-d6       | 14.07 | 166 | 84832  | 33.16 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 14.37 | 160 | 104619 | 33.18 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 15.10 | 143 | 1892m  | 4.63  | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.66 | 176 | 76016  | 32.96 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.79 | 200 | 15845  | 31.55 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.51 | 188 | 123921 | 33.27 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.79 | 212 | 144986 | 36.10 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 24.65 | 264 | 146769 | 37.99 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |        |        |        | Qvalue |
|--------------------------------|-------|-----|--------|--------|--------|--------|
| 6) Phenol                      | 7.38  | 94  | 5983   | 3.03   | ng/ul  | 95     |
| 10) 2-Chlorophenol             | 7.67  | 128 | 16863  | 11.56  | ng/ul  | 91     |
| 20) Nitrobenzene               | 9.28  | 77  | 150039 | 140.96 | ng/ul  | 96     |
| 23) 2-Nitrophenol              | 9.99  | 139 | 5856   | 12.31  | ng/ul  | 89     |
| 27) 2,4-Dichlorophenol         | 10.61 | 162 | 3878   | 4.85   | ng/ul# | 85     |
| 37) 1,2,4,5-Tetrachlorobenzene | 12.87 | 216 | 22782  | 21.18  | ng/ul  | 92     |
| 53) 4-Nitrophenol              | 15.11 | 109 | 988    | 2.33   | ng/ul# | 73     |
| 73) 1,2,3,4-Tetrachlorobenzene | 13.48 | 216 | 79448  | 74.65  | ng/uL  | 92     |

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

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