

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022615\  
 Data File : BG016048.D  
 Acq On : 26 Feb 2015 16:08  
 Operator : TP/IZ  
 Sample : G1354-04  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C0AD9

Quant Time: Feb 27 00:45:53 2015  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM01.2-EPA-MA-BG021915.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Feb 27 00:07:28 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.81  | 152  | 63133    | 20.00 | ng/ul | 0.00     |
| 16) Naphthalene-d8        | 10.59 | 136  | 289402   | 20.00 | ng/ul | 0.00     |
| 33) Acenaphthene-d10      | 14.44 | 164  | 178903   | 20.00 | ng/ul | 0.00     |
| 59) Phenanthrene-d10      | 17.17 | 188  | 368047   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.34 | 240  | 367343   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.65 | 264  | 369435   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |       |
|--------------------------------|-------|-----|--------|-------|-------|-------|
| 3) Phenol-d5                   | 6.97  | 99  | 96314  | 16.04 | ng/ul | 0.00  |
| 5) Bis-(2-Chloroethyl)ether-d  | 7.14  | 67  | 57178  | 16.12 | ng/ul | 0.00  |
| 7) 2-Chlorophenol-d4           | 7.34  | 132 | 74354  | 16.73 | ng/ul | 0.00  |
| 11) 4-Methylphenol-d8          | 8.50  | 113 | 73727  | 16.59 | ng/ul | 0.00  |
| 17) Nitrobenzene-d5            | 8.96  | 128 | 38114  | 18.63 | ng/ul | 0.00  |
| 20) 2-Nitrophenol-d4           | 9.68  | 143 | 33310  | 17.65 | ng/ul | 0.00  |
| 24) 2,4-Dichlorophenol-d3      | 10.21 | 165 | 66282  | 16.19 | ng/ul | 0.00  |
| 27) 4-Chloroaniline-d4         | 10.73 | 131 | 115643 | 25.65 | ng/ul | 0.00  |
| 41) Dimethylphthalate-d6       | 13.84 | 166 | 224776 | 18.79 | ng/ul | 0.00  |
| 44) Acenaphthylene-d8          | 14.12 | 160 | 297043 | 17.55 | ng/ul | 0.00  |
| 49) 4-Nitrophenol-d4           | 14.62 | 143 | 30226  | 12.57 | ng/ul | 0.00  |
| 55) Fluorene-d10               | 15.42 | 176 | 213178 | 17.73 | ng/ul | 0.00  |
| 60) 4,6-Dinitro-2-methylphenol | 15.53 | 200 | 13962  | 9.84  | ng/ul | 0.00  |
| 68) Anthracene-d10             | 17.27 | 188 | 321957 | 18.44 | ng/ul | 0.00  |
| 76) Pyrene-d10                 | 19.56 | 212 | 325212 | 18.85 | ng/ul | 0.00  |
| 87) Benzo(a)pyrene-d12         | 23.49 | 264 | 299766 | 17.89 | ng/ul | -0.01 |

## Target Compounds

|                          |       |     |        |      |       | Qvalue |
|--------------------------|-------|-----|--------|------|-------|--------|
| 4) Phenol                | 6.99  | 94  | 11021  | 1.74 | ng/ul | 95     |
| 12) Acetophenone         | 8.63  | 105 | 7892   | 1.17 | ng/ul | 96     |
| 42) Dimethylphthalate    | 13.89 | 163 | 18394  | 1.48 | ng/ul | 98     |
| 67) Phenanthrene         | 17.21 | 178 | 133444 | 6.52 | ng/ul | 98     |
| 69) Anthracene           | 17.30 | 178 | 42610  | 2.04 | ng/ul | 97     |
| 74) Fluoranthene         | 19.23 | 202 | 147941 | 6.61 | ng/ul | 99     |
| 77) Pyrene               | 19.59 | 202 | 114242 | 5.11 | ng/ul | 93     |
| 80) Benzo(a)anthracene   | 21.33 | 228 | 55024  | 2.69 | ng/ul | 99     |
| 82) Chrysene             | 21.38 | 228 | 41005  | 2.11 | ng/ul | 98     |
| 85) Benzo(b)fluoranthene | 22.95 | 252 | 49386  | 2.40 | ng/ul | 97     |
| 88) Benzo(a)pyrene       | 23.54 | 252 | 37235  | 1.82 | ng/ul | 100    |

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

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