

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121316\  
 Data File : BG025158.D  
 Acq On : 13 Dec 2016 23:27  
 Operator : UM/SJ  
 Sample : H5993-01  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 P036-SS016-1824-03

Manual Integrations  
 APPROVED

sohil  
 12/14/2016 6:17:32 PM

Quant Time: Dec 14 03:45:42 2016  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Dec 14 03:19:35 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.24  | 152  | 85367    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 11.06 | 136  | 389076   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.86 | 164  | 313168   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.60 | 188  | 621888   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.90 | 240  | 727917   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 25.33 | 264  | 755802   | 20.00 | ng/ul | 0.01     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.58  | 96  | 6990   | 4.23  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.39  | 99  | 164470 | 22.33 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.55  | 67  | 107882 | 23.68 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.77  | 132 | 116575 | 22.64 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.94  | 113 | 149687 | 24.32 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.42  | 128 | 69279  | 25.14 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.14 | 143 | 81363  | 23.69 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.69 | 165 | 154436 | 23.38 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.20 | 131 | 127590 | 19.65 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 14.25 | 166 | 569506 | 26.44 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.56 | 160 | 642469 | 27.23 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 15.07 | 143 | 83459  | 22.54 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.85 | 176 | 506148 | 24.96 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.98 | 200 | 89398  | 23.25 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.70 | 188 | 724926 | 27.62 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.98 | 212 | 796907 | 26.58 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 25.09 | 264 | 827012 | 27.01 | ng/ul | 0.01 |

## Target Compounds

|                                |       |     |        |             | Ovalue |
|--------------------------------|-------|-----|--------|-------------|--------|
| 6) Phenol                      | 7.42  | 94  | 27633  | 3.66 ng/ul# | 84     |
| 44) Dimethylphthalate          | 14.30 | 163 | 84838  | 4.01 ng/ul# | 99     |
| 64) N-Nitrosodiphenylamine     | 16.10 | 169 | 26080  | 1.63 ng/ul  | 93     |
| 69) Phenanthrene               | 17.64 | 178 | 32238  | 1.09 ng/ul  | 100    |
| 74) Fluoranthene               | 19.64 | 202 | 50876  | 1.44 ng/ul  | 97     |
| 77) Pyrene                     | 20.01 | 202 | 79632  | 2.28 ng/ul  | 97     |
| 80) Benzo(a)anthracene         | 21.88 | 228 | 81535  | 2.16 ng/ul# | 77     |
| 81) Bis(2-ethylhexyl)phthalate | 21.73 | 149 | 94141  | 4.99 ng/ul# | 88     |
| 82) Chrysene                   | 21.95 | 228 | 134686 | 3.81 ng/ul# | 89     |
| 88) Benzo(a)pyrene             | 25.16 | 252 | 105839 | 2.94 ng/ul# | 72     |
| 91) Benzo(g,h,i)perylene       | 30.51 | 276 | 98224m | 2.63 ng/ul  |        |

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

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