

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG110717\  
 Data File : BG030840.D  
 Acq On : 8 Nov 2017 11:22  
 Operator : SJ/JU  
 Sample : I6222-13  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 B0ET9

Quant Time: Nov 08 13:31:32 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Nov 08 04:22:00 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.15  | 152  | 76997    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.97 | 136  | 373937   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.77 | 164  | 245649   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.51 | 188  | 582694   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.78 | 240  | 640142   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 25.09 | 264  | 665731   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.53  | 96  | 7230   | 3.82  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.31  | 99  | 161617 | 21.87 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.47  | 67  | 96780  | 20.93 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.68  | 132 | 137199 | 26.32 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.86  | 113 | 96889  | 16.23 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.32  | 128 | 70355  | 26.21 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.04 | 143 | 88014  | 32.00 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.59 | 165 | 145384 | 23.20 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.10 | 131 | 95502  | 13.12 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 14.16 | 166 | 486622 | 23.17 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.46 | 160 | 614179 | 24.05 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.97 | 143 | 60367  | 15.57 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.76 | 176 | 446838 | 25.98 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.88 | 200 | 55986  | 19.68 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.61 | 188 | 683226 | 24.79 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.88 | 212 | 801449 | 24.19 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 24.86 | 264 | 805287 | 25.54 | ng/ul | 0.00 |

## Target Compounds

|                            |       |     |        |       | Ovalue |    |
|----------------------------|-------|-----|--------|-------|--------|----|
| 6) Phenol                  | 7.35  | 94  | 18628  | 2.436 | ng/ul# | 82 |
| 44) Dimethylphthalate      | 14.21 | 163 | 25816  | 1.260 | ng/ul  | 98 |
| 69) Phenanthrene           | 17.55 | 178 | 89350  | 2.837 | ng/ul  | 99 |
| 74) Fluoranthene           | 19.55 | 202 | 155920 | 4.429 | ng/ul  | 96 |
| 77) Pyrene                 | 19.91 | 202 | 171822 | 4.005 | ng/ul  | 99 |
| 80) Benzo(a)anthracene     | 21.76 | 228 | 91195  | 2.273 | ng/ul  | 98 |
| 82) Chrysene               | 21.82 | 228 | 102270 | 2.806 | ng/ul  | 96 |
| 85) Benzo(b)fluoranthene   | 24.03 | 252 | 118980 | 2.977 | ng/ul  | 96 |
| 88) Benzo(a)pyrene         | 24.93 | 252 | 90282  | 2.321 | ng/ul  | 96 |
| 89) Indeno(1,2,3-cd)pyrene | 28.87 | 276 | 61645  | 1.401 | ng/ul# | 90 |
| 91) Benzo(g,h,i)perylene   | 30.04 | 276 | 59542  | 1.632 | ng/ul# | 95 |

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

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