

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121216\  
 Data File : BG025142.D  
 Acq On : 13 Dec 2016 9:12  
 Operator : UM/SJ  
 Sample : H5992-02  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 P006-SS023-0106-03

Manual Integrations  
 APPROVED

sohil  
 12/13/2016 6:08:36 PM

Quant Time: Dec 13 10:42:11 2016  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Dec 13 06:23:40 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.25  | 152  | 107499   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 11.08 | 136  | 464300   | 20.00 | ng/ul | 0.01     |
| 35) Acenaphthene-d10      | 14.87 | 164  | 339750   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.61 | 188  | 636084   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.91 | 240  | 694899   | 20.00 | ng/ul | 0.01     |
| 83) Perylene-d12          | 25.35 | 264  | 651823   | 20.00 | ng/ul | 0.03     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.59  | 96  | 10579  | 5.08  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.40  | 99  | 266870 | 28.78 | ng/ul | 0.01 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.56  | 67  | 173871 | 30.31 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.78  | 132 | 190236 | 29.33 | ng/ul | 0.01 |
| 13) 4-Methylphenol-d8          | 8.95  | 113 | 209021 | 26.97 | ng/ul | 0.01 |
| 19) Nitrobenzene-d5            | 9.42  | 128 | 101072 | 30.74 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.15 | 143 | 117103 | 28.57 | ng/ul | 0.01 |
| 26) 2,4-Dichlorophenol-d3      | 10.70 | 165 | 225146 | 28.56 | ng/ul | 0.01 |
| 29) 4-Chloroaniline-d4         | 11.21 | 131 | 155301 | 20.05 | ng/ul | 0.01 |
| 43) Dimethylphthalate-d6       | 14.26 | 166 | 685291 | 29.32 | ng/ul | 0.01 |
| 46) Acenaphthylene-d8          | 14.57 | 160 | 796091 | 31.10 | ng/ul | 0.01 |
| 51) 4-Nitrophenol-d4           | 15.08 | 143 | 95368  | 23.74 | ng/ul | 0.02 |
| 57) Fluorene-d10               | 15.85 | 176 | 609752 | 27.72 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.98 | 200 | 79029  | 20.09 | ng/ul | 0.02 |
| 70) Anthracene-d10             | 17.71 | 188 | 853136 | 31.78 | ng/ul | 0.01 |
| 76) Pyrene-d10                 | 19.98 | 212 | 905084 | 31.62 | ng/ul | 0.01 |
| 87) Benzo(a)pyrene-d12         | 25.11 | 264 | 857874 | 32.48 | ng/ul | 0.04 |

## Target Compounds

|                                |       |     |        |      |        | Ovalue |
|--------------------------------|-------|-----|--------|------|--------|--------|
| 6) Phenol                      | 7.42  | 94  | 41177  | 4.33 | ng/ul  | 96     |
| 44) Dimethylphthalate          | 14.31 | 163 | 77217  | 3.36 | ng/ul# | 95     |
| 69) Phenanthrene               | 17.66 | 178 | 51970  | 1.71 | ng/ul# | 96     |
| 74) Fluoranthene               | 19.65 | 202 | 132574 | 3.67 | ng/ul# | 94     |
| 77) Pyrene                     | 20.01 | 202 | 112935 | 3.38 | ng/ul  | 97     |
| 78) Butylbenzylphthalate       | 20.87 | 149 | 126375 | 9.66 | ng/ul  | 98     |
| 80) Benzo(a)anthracene         | 21.89 | 228 | 87430  | 2.42 | ng/ul  | 93     |
| 81) Bis(2-ethylhexyl)phthalate | 21.74 | 149 | 60695  | 3.37 | ng/ul# | 97     |
| 82) Chrysene                   | 21.96 | 228 | 95571m | 2.83 | ng/ul  |        |
| 85) Benzo(b)fluoranthene       | 24.25 | 252 | 135549 | 4.19 | ng/ul# | 89     |
| 86) Benzo(k)fluoranthene       | 24.31 | 252 | 54561m | 1.78 | ng/ul  |        |
| 88) Benzo(a)pyrene             | 25.18 | 252 | 75157  | 2.42 | ng/ul# | 81     |

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

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