

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG012617\  
 Data File : BG025666.D  
 Acq On : 26 Jan 2017 14:38  
 Operator : SJ/MA  
 Sample : I1387-08  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DA9R4

Manual Integrations  
 APPROVED

mohammad  
 1/27/2017 3:05:30 PM

Quant Time: Jan 27 10:19:06 2017  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG011817.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Jan 27 03:32:12 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.18  | 152  | 72153    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 11.01 | 136  | 323078   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.81 | 164  | 263945   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.56 | 188  | 555002m  | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.85 | 240  | 643079   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 25.24 | 264  | 657918   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.51  | 96  | 1544    | 1.07  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.35  | 99  | 44931   | 7.27  | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.49  | 67  | 153092  | 38.33 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.71  | 132 | 131278  | 30.10 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.90  | 113 | 93573   | 17.80 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.36  | 128 | 83995   | 36.68 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.09 | 143 | 114109  | 41.76 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.63 | 165 | 187900  | 34.86 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 0.00  | 131 | 0d      | 0.00  | ng/ul |      |
| 43) Dimethylphthalate-d6       | 14.20 | 166 | 689517  | 36.99 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.51 | 160 | 793777  | 39.43 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 15.09 | 143 | 19472m  | 7.62  | ng/ul | 0.05 |
| 57) Fluorene-d10               | 15.80 | 176 | 624475  | 35.54 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 0.00  | 200 | 0d      | 0.00  | ng/ul |      |
| 70) Anthracene-d10             | 17.66 | 188 | 960544  | 40.65 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.94 | 212 | 1122180 | 41.94 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 25.01 | 264 | 1106957 | 40.03 | ng/ul | 0.00 |

## Target Compounds

|                               |       |     |          |         |        | Qvalue |
|-------------------------------|-------|-----|----------|---------|--------|--------|
| 21) Isophorone                | 9.92  | 82  | 43555    | 3.16    | ng/ul# | 95     |
| 39) 2,4,5-Trichlorophenol     | 13.36 | 196 | 39389    | 7.81    | ng/ul  | 88     |
| 55) 2,3,4,6-Tetrachlorophenol | 15.44 | 232 | 185503m  | 34.74   | ng/ul  |        |
| 68) Pentachlorophenol         | 17.24 | 266 | 5057996m | 1661.21 | ng/ul  |        |

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

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