

Data Path : Z:\HPCHEM1\BNA\_G\Data\BG080917\  
 Data File : BG028253.D  
 Acq On : 10 Aug 2017 8:58  
 Operator : SJ/JU  
 Sample : I4455-17  
 Misc :  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C0AE9

Quant Time: Aug 10 18:33:00 2017  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG080217.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Aug 10 07:27:12 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.35  | 152  | 34675    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 11.17 | 136  | 174637   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.96 | 164  | 130417   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.54 | 188  | 5165     | 20.00 | ng/ul | -0.17    |
| 75) Chrysene-d12          | 22.04 | 240  | 348400   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 25.54 | 264  | 336822   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |       |
|--------------------------------|-------|-----|--------|-------|-------|-------|
| 3) 1,4-Dioxane-d8              | 3.84  | 96  | 2680   | 3.60  | ng/uL | 0.00  |
| 5) Phenol-d5                   | 7.50  | 99  | 73942  | 19.42 | ng/ul | 0.00  |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.67  | 67  | 48369  | 20.06 | ng/ul | 0.00  |
| 9) 2-Chlorophenol-d4           | 7.89  | 132 | 52980  | 22.05 | ng/ul | 0.00  |
| 13) 4-Methylphenol-d8          | 9.05  | 113 | 63858  | 20.06 | ng/ul | 0.00  |
| 19) Nitrobenzene-d5            | 9.52  | 128 | 28758  | 21.06 | ng/ul | 0.00  |
| 22) 2-Nitrophenol-d4           | 10.25 | 143 | 33835  | 22.60 | ng/ul | 0.00  |
| 26) 2,4-Dichlorophenol-d3      | 10.79 | 165 | 64587  | 20.85 | ng/ul | 0.00  |
| 29) 4-Chloroaniline-d4         | 11.31 | 131 | 45888  | 13.31 | ng/ul | 0.00  |
| 43) Dimethylphthalate-d6       | 14.35 | 166 | 242162 | 20.88 | ng/ul | 0.00  |
| 46) Acenaphthylene-d8          | 14.65 | 160 | 270182 | 20.66 | ng/ul | 0.00  |
| 51) 4-Nitrophenol-d4           | 15.16 | 143 | 31276  | 16.96 | ng/ul | 0.01  |
| 57) Fluorene-d10               | 15.95 | 176 | 205803 | 19.78 | ng/ul | 0.00  |
| 62) 4,6-Dinitro-2-methylphenol | 15.90 | 200 | 138    | 4.11  | ng/ul | -0.16 |
| 70) Anthracene-d10             | 17.54 | 188 | 5444   | 21.98 | ng/ul | -0.27 |
| 76) Pyrene-d10                 | 20.08 | 212 | 370785 | 20.75 | ng/ul | 0.00  |
| 87) Benzo(a)pyrene-d12         | 25.30 | 264 | 349074 | 22.14 | ng/ul | 0.00  |

## Target Compounds

|                                |       |     |       |        | Qvalue |    |
|--------------------------------|-------|-----|-------|--------|--------|----|
| 6) Phenol                      | 7.52  | 94  | 9495  | 2.509  | ng/ul# | 83 |
| 28) Naphthalene                | 11.23 | 128 | 15407 | 1.781  | ng/ul  | 95 |
| 34) 2-Methylnaphthalene        | 12.80 | 142 | 33919 | 4.882  | ng/ul  | 99 |
| 44) Dimethylphthalate          | 14.39 | 163 | 97660 | 9.144  | ng/ul  | 98 |
| 53) Dibenzofuran               | 15.35 | 168 | 15307 | 1.245  | ng/ul  | 98 |
| 58) Fluorene                   | 16.00 | 166 | 22826 | 2.097  | ng/ul# | 92 |
| 63) 4,6-Dinitro-2-methylphenol | 15.93 | 198 | 73    | 2.146  | ng/ul# | 1  |
| 64) N-Nitrosodiphenylamine     | 16.01 | 169 | 172   | 1.266  | ng/ul# | 1  |
| 65) 4-Bromophenyl-phenylether  | 16.74 | 248 | 125   | 2.252  | ng/ul# | 1  |
| 67) Atrazine                   | 16.97 | 200 | 865   | 14.601 | ng/ul# | 9  |
| 68) Pentachlorophenol          | 17.28 | 266 | 59    | 1.971  | ng/ul# | 18 |
| 69) Phenanthrene               | 17.58 | 178 | 440   | 1.693  | ng/ul# | 1  |
| 71) Anthracene                 | 17.69 | 178 | 808   | 3.041  | ng/ul# | 1  |
| 72) Carbazole                  | 17.92 | 167 | 2430  | 10.518 | ng/ul# | 71 |
| 73) Di-n-butylphthalate        | 18.45 | 149 | 373   | 1.297  | ng/ul# | 4  |
| 74) Fluoranthene               | 19.53 | 202 | 1920  | 6.078  | ng/ul# | 64 |

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

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