

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021921\  
 Data File : BG048221.D  
 Acq On : 20 Feb 2021 3:32  
 Operator : CG/JU  
 Sample : M1412-04MS  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DBG7MS

Quant Time: Feb 20 04:12:52 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG021321MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Feb 19 11:17:07 2021  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.11  | 152  | 33075    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.93 | 136  | 130056   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.73 | 164  | 98512    | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.48 | 188  | 258212   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.76 | 240  | 291045   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 25.04 | 264  | 281081   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |       |
|--------------------------------|-------|-----|--------|-------|-------|-------|
| 3) 1,4-Dioxane-d8              | 3.51  | 96  | 6093   | 7.67  | ng/uL | 0.00  |
| 5) Phenol-d5                   | 7.29  | 99  | 114969 | 41.25 | ng/ul | 0.00  |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.43  | 67  | 71425  | 43.03 | ng/ul | 0.00  |
| 9) 2-Chlorophenol-d4           | 7.65  | 132 | 82093  | 41.97 | ng/ul | 0.00  |
| 13) 4-Methylphenol-d8          | 8.83  | 113 | 89826  | 41.09 | ng/ul | 0.00  |
| 19) Nitrobenzene-d5            | 9.28  | 128 | 42239  | 43.48 | ng/ul | 0.00  |
| 22) 2-Nitrophenol-d4           | 10.00 | 143 | 52484  | 44.66 | ng/ul | 0.00  |
| 26) 2,4-Dichlorophenol-d3      | 10.55 | 165 | 96702  | 42.02 | ng/ul | 0.00  |
| 29) 4-Chloroaniline-d4         | 11.06 | 131 | 108831 | 47.86 | ng/ul | 0.00  |
| 44) Dimethylphthalate-d6       | 14.13 | 166 | 315119 | 43.18 | ng/ul | 0.00  |
| 47) Acenaphthylene-d8          | 14.43 | 160 | 376966 | 42.26 | ng/ul | 0.00  |
| 52) 4-Nitrophenol-d4           | 14.96 | 143 | 50100  | 40.41 | ng/ul | -0.01 |
| 58) Fluorene-d10               | 15.73 | 176 | 281032 | 43.18 | ng/ul | 0.00  |
| 63) 4,6-Dinitro-2-methylphenol | 15.85 | 200 | 62333  | 39.37 | ng/ul | 0.00  |
| 71) Anthracene-d10             | 17.58 | 188 | 475750 | 42.97 | ng/ul | 0.00  |
| 79) Pyrene-d10                 | 19.86 | 212 | 602493 | 41.45 | ng/ul | 0.00  |
| 90) Benzo(a)pyrene-d12         | 24.82 | 264 | 609667 | 42.52 | ng/ul | 0.00  |

## Target Compounds

|                                |       |     |        |        | Ovalue    |
|--------------------------------|-------|-----|--------|--------|-----------|
| 6) Phenol                      | 7.31  | 94  | 120295 | 41.810 | ng/ul 99  |
| 10) 2-Chlorophenol             | 7.68  | 128 | 76321  | 36.881 | ng/ul 90  |
| 15) N-Nitroso-di-n-propylamine | 8.91  | 70  | 78483  | 39.697 | ng/ul 98  |
| 33) 4-Chloro-3-methylphenol    | 12.21 | 107 | 95206  | 39.059 | ng/ul 96  |
| 45) Dimethylphthalate          | 14.18 | 163 | 35002  | 4.640  | ng/ul 99  |
| 50) Acenaphthene               | 14.80 | 153 | 223231 | 37.283 | ng/ul 98  |
| 53) 4-Nitrophenol              | 14.98 | 109 | 53960  | 38.549 | ng/ul 89  |
| 55) 2,4-Dinitrotoluene         | 15.10 | 165 | 91677  | 40.232 | ng/ul# 96 |
| 69) Pentachlorophenol          | 17.14 | 266 | 60837  | 33.678 | ng/ul 95  |
| 80) Pyrene                     | 19.89 | 202 | 650078 | 35.951 | ng/ul# 98 |

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

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