

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071119\  
 Data File : BM021436.D  
 Acq On : 11 Jul 2019 20:10  
 Operator : HP/JU  
 Sample : K3717-16  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BF4A1

Quant Time: Jul 13 02:14:43 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM070819MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Jul 08 17:45:45 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.73  | 152  | 166182   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.52 | 136  | 644434   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.37 | 164  | 369963   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.13 | 188  | 852841   | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.32 | 240  | 855784   | 20.00 | ng/ul | 0.00     |
| 85) Perylene-d12          | 23.58 | 264  | 1004107  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.27  | 96  | 6071    | 1.80  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.91  | 99  | 108913  | 8.43  | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.07  | 67  | 227204  | 29.65 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.27  | 132 | 289664  | 26.05 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.44  | 113 | 191262  | 18.58 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.90  | 128 | 167496  | 31.55 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.61  | 143 | 186221  | 31.02 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.15 | 165 | 339204  | 28.33 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.68 | 131 | 35789   | 3.31  | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.79 | 166 | 1079677 | 33.32 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.07 | 160 | 1242207 | 30.53 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.61 | 143 | 28601   | 5.57  | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.37 | 176 | 940008  | 32.50 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.50 | 200 | 134907  | 23.53 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.23 | 188 | 1506050 | 34.00 | ng/ul | 0.00 |
| 78) Pyrene-d10                 | 19.52 | 212 | 1687316 | 35.93 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12         | 23.44 | 264 | 1975169 | 34.20 | ng/ul | 0.00 |

## Target Compounds

|                       |       |     |         |        | Ovalue    |
|-----------------------|-------|-----|---------|--------|-----------|
| 2) 1,4-Dioxane        | 3.30  | 88  | 25703   | 7.249  | ng/uL 95  |
| 6) Phenol             | 6.93  | 94  | 26724   | 2.161  | ng/ul 98  |
| 28) Naphthalene       | 10.57 | 128 | 1174502 | 35.020 | ng/ul 100 |
| 40) 1,1'-Biphenyl     | 13.20 | 154 | 73484   | 2.373  | ng/ul 97  |
| 44) Dimethylphthalate | 13.84 | 163 | 52414   | 1.737  | ng/ul 98  |
| 49) Acenaphthene      | 14.44 | 153 | 419494  | 16.311 | ng/ul 100 |
| 53) Dibenzofuran      | 14.77 | 168 | 426616  | 11.451 | ng/ul 98  |
| 58) Fluorene          | 15.43 | 166 | 250482  | 8.310  | ng/ul 98  |
| 69) Phenanthrene      | 17.17 | 178 | 389817  | 8.106  | ng/ul 99  |
| 74) Carbazole         | 17.54 | 167 | 207702  | 5.113  | ng/ul 100 |
| 76) Fluoranthene      | 19.19 | 202 | 86410   | 1.513  | ng/ul 98  |

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

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