

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM082916\  
 Data File : BM007310.D  
 Acq On : 29 Aug 2016 15:37  
 Operator : UM/SJ  
 Sample : H4575-20  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DA259

Quant Time: Aug 30 10:32:00 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM082316.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Aug 30 02:26:11 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.80  | 152  | 93591    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.58 | 136  | 462155   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.43 | 164  | 347633   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.17 | 188  | 979600   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.36 | 240  | 1413794  | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.62 | 264  | 1630351  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.31  | 96  | 7964    | 4.35  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.96  | 99  | 199513  | 22.57 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.13  | 67  | 105925  | 22.80 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.33  | 132 | 147076  | 22.51 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.50  | 113 | 174410  | 22.62 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.95  | 128 | 74702   | 22.02 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.67  | 143 | 88240   | 22.27 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.20 | 165 | 180344  | 22.86 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.72 | 131 | 224343  | 22.80 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.84 | 166 | 898296  | 29.95 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.12 | 160 | 926703  | 26.66 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.62 | 143 | 150156  | 26.52 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.42 | 176 | 801703  | 30.91 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.54 | 200 | 141840  | 23.03 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.27 | 188 | 1529129 | 33.42 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.56 | 212 | 1976239 | 33.43 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 23.48 | 264 | 2501515 | 33.31 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |         |             | Qvalue |
|--------------------------------|-------|-----|---------|-------------|--------|
| 6) Phenol                      | 6.99  | 94  | 433910  | 47.32 ng/ul | 95     |
| 20) Nitrobenzene               | 8.99  | 77  | 340068  | 39.02 ng/ul | 100    |
| 21) Isophorone                 | 9.51  | 82  | 870907  | 49.06 ng/ul | 99     |
| 28) Naphthalene                | 10.63 | 128 | 1208696 | 52.59 ng/ul | 100    |
| 34) 2-Methylnaphthalene        | 12.24 | 142 | 782504  | 41.59 ng/ul | 99     |
| 38) 2,4,6-Trichlorophenol      | 12.86 | 196 | 482222  | 58.89 ng/ul | 99     |
| 40) 1,1'-Biphenyl              | 13.26 | 154 | 987149  | 36.62 ng/ul | 98     |
| 47) Acenaphthylene             | 14.15 | 152 | 872672  | 24.40 ng/ul | 98     |
| 53) Dibenzofuran               | 14.83 | 168 | 1844895 | 52.96 ng/ul | 95     |
| 56) Diethylphthalate           | 15.25 | 149 | 1423584 | 45.69 ng/ul | 98     |
| 66) Hexachlorobenzene          | 16.48 | 284 | 480840  | 38.82 ng/ul | 98     |
| 68) Pentachlorophenol          | 16.82 | 266 | 524892  | 65.67 ng/ul | 99     |
| 71) Anthracene                 | 17.30 | 178 | 2814429 | 51.84 ng/ul | 99     |
| 72) Carbazole                  | 17.58 | 167 | 3120511 | 66.14 ng/ul | 98     |
| 74) Fluoranthene               | 19.23 | 202 | 3590724 | 54.41 ng/ul | 98     |
| 80) Benzo(a)anthracene         | 21.34 | 228 | 3482143 | 41.78 ng/ul | 100    |
| 81) Bis(2-ethylhexyl)phthalate | 21.27 | 149 | 2372242 | 51.83 ng/ul | 99     |
| 84) Di-n-octyl phthalate       | 22.16 | 149 | 4578899 | 56.39 ng/ul | 99     |
| 89) Indeno(1,2,3-cd)pyrene     | 25.93 | 276 | 5657554 | 49.98 ng/ul | 99     |
| 90) Dibenzo(a,h)anthracene     | 25.94 | 278 | 4932855 | 52.39 ng/ul | 98     |
| 91) Benzo(g,h,i)perylene       | 26.63 | 276 | 5072427 | 52.77 ng/ul | 98     |

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| Internal Standards                                                      | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|-------------------------------------------------------------------------|------|------|----------|------|-------|----------|
| -----                                                                   |      |      |          |      |       |          |
| (#)= qualifier out of range (m)= manual integration (+)= signals summed |      |      |          |      |       |          |

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