

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM121517\  
 Data File : BM013481.D  
 Acq On : 16 Dec 2017 17:46  
 Operator : SJ/JU  
 Sample : I6778-10  
 Misc :  
 ALS Vial : 38 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 F9A75

Manual Integrations  
 APPROVED

Sohil  
 12/18/2017 2:10:53 PM

Quant Time: Dec 18 03:31:41 2017  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM113017.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Dec 18 03:13:05 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.67  | 152  | 233759   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.45 | 136  | 1036638  | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.32 | 164  | 601578   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.07 | 188  | 1293929  | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.26 | 240  | 984290   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.48 | 264  | 840300   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.22  | 96  | 14424   | 3.06  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.85  | 99  | 419430  | 20.74 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.02  | 67  | 258996  | 22.45 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.21  | 132 | 343461  | 21.73 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.38  | 113 | 352121  | 20.38 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.83  | 128 | 186039  | 22.63 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.55  | 143 | 204868  | 23.28 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.08 | 165 | 368207  | 20.31 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.59 | 131 | 283888  | 17.04 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.73 | 166 | 1186019 | 22.15 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.01 | 160 | 1448409 | 21.93 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.54 | 143 | 150410  | 16.17 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.32 | 176 | 988684  | 21.48 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.45 | 200 | 87945   | 10.80 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.16 | 188 | 1454143 | 22.44 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.46 | 212 | 1352661 | 27.58 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 23.34 | 264 | 889060  | 20.77 | ng/ul | 0.00 |

## Target Compounds

|                            |       |     |         |        | Qvalue |    |
|----------------------------|-------|-----|---------|--------|--------|----|
| 6) Phenol                  | 6.88  | 94  | 43471   | 2.174  | ng/ul# | 80 |
| 44) Dimethylphthalate      | 13.78 | 163 | 295121  | 5.764  | ng/ul  | 98 |
| 47) Acenaphthylene         | 14.04 | 152 | 550876  | 9.011  | ng/ul  | 98 |
| 69) Phenanthrene           | 17.11 | 178 | 177312  | 2.412  | ng/ul  | 96 |
| 71) Anthracene             | 17.20 | 178 | 446899  | 5.948  | ng/ul  | 99 |
| 74) Fluoranthene           | 19.13 | 202 | 1055105 | 11.712 | ng/ul# | 92 |
| 77) Pyrene                 | 19.49 | 202 | 1321254 | 22.095 | ng/ul# | 89 |
| 80) Benzo(a)anthracene     | 21.24 | 228 | 752263m | 12.046 | ng/ul  |    |
| 82) Chrysene               | 21.30 | 228 | 863440  | 14.903 | ng/ul  | 97 |
| 85) Benzo(b)fluoranthene   | 22.82 | 252 | 1615732 | 28.523 | ng/ul# | 98 |
| 86) Benzo(k)fluoranthene   | 22.86 | 252 | 437037m | 8.198  | ng/ul  |    |
| 88) Benzo(a)pyrene         | 23.39 | 252 | 971712  | 19.096 | ng/ul# | 98 |
| 89) Indeno(1,2,3-cd)pyrene | 25.71 | 276 | 738906  | 14.635 | ng/ul  | 97 |
| 90) Dibenzo(a,h)anthracene | 25.71 | 278 | 220230  | 5.123  | ng/ul# | 81 |
| 91) Benzo(g,h,i)perylene   | 26.40 | 276 | 614284  | 15.424 | ng/ul# | 91 |

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

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