

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031517\  
 Data File : BM009261.D  
 Acq On : 15 Mar 2017 12:08  
 Operator : SJ/MA  
 Sample : I2181-02DL 2X  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0BJ1DL

Manual Integrations  
 APPROVED

mohammad  
 3/16/2017 4:40:54 PM

Quant Time: Mar 16 01:29:25 2017  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-2016\SOM-EPA-BM031317M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Mar 16 01:18:23 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.89  | 152  | 99658    | 20.00 | ng/ul | 0.01     |
| 18) Naphthalene-d8        | 10.67 | 136  | 425021   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.52 | 164  | 294261   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.26 | 188  | 798178   | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.44 | 240  | 1213518  | 20.00 | ng/ul | 0.00     |
| 85) Perylene-d12          | 23.77 | 264  | 1255014  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.35  | 96  | 1817    | 0.80  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.03  | 99  | 25255   | 2.34  | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.21  | 67  | 96919   | 13.80 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.40  | 132 | 68780   | 10.44 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.57  | 113 | 49879   | 5.80  | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.05  | 128 | 44755   | 14.75 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.76  | 143 | 47226   | 14.02 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.29 | 165 | 86984   | 12.09 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.82 | 131 | 8248    | 0.96  | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.92 | 166 | 389698  | 17.44 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.21 | 160 | 443554  | 17.26 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.72 | 143 | 7566    | 1.71  | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.51 | 176 | 360322  | 18.07 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.63 | 200 | 45747   | 9.58  | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.36 | 188 | 627242m | 16.60 | ng/ul | 0.00 |
| 78) Pyrene-d10                 | 19.65 | 212 | 807764  | 16.49 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12         | 23.63 | 264 | 935323  | 16.29 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |        |       | Ovalue |    |
|--------------------------------|-------|-----|--------|-------|--------|----|
| 20) Nitrobenzene               | 9.08  | 77  | 159432 | 15.75 | ng/ul# | 81 |
| 36) 1,2,4,5-Tetrachlorobenzene | 12.70 | 216 | 221434 | 25.02 | ng/ul  | 97 |
| 72) 1,2,3,4-Tetrachlorobenzene | 13.31 | 216 | 362504 | 38.66 | ng/uL  | 99 |
| 73) Pentachlorobenzene         | 14.83 | 250 | 15091  | 1.50  | ng/uL  | 97 |

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

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