

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031517\  
 Data File : BM009263.D  
 Acq On : 15 Mar 2017 13:20  
 Operator : SJ/MA  
 Sample : I2235-06DL 5X  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0BK3DL

Manual Integrations  
 APPROVED

mohammad  
 3/16/2017 4:40:57 PM

Quant Time: Mar 16 01:37:44 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 | 7.88  | 152  | 91744    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.68 | 136  | 407850   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.52 | 164  | 259086   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.26 | 188  | 704913   | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.44 | 240  | 1076764  | 20.00 | ng/ul | 0.00     |
| 85) Perylene-d12          | 23.77 | 264  | 1113146  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |      |       |      |
|--------------------------------|-------|-----|--------|------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.35  | 96  | 477    | 0.23 | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.03  | 99  | 9297   | 0.94 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.21  | 67  | 38067  | 5.89 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.40  | 132 | 26154  | 4.31 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.58  | 113 | 18716  | 2.36 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.04  | 128 | 17037  | 5.85 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.76  | 143 | 16752  | 5.18 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.29 | 165 | 31207  | 4.52 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.82 | 131 | 1422   | 0.17 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.92 | 166 | 136916 | 6.96 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.21 | 160 | 144477 | 6.38 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.72 | 143 | 2345m  | 0.60 | ng/ul | 0.01 |
| 57) Fluorene-d10               | 15.51 | 176 | 121515 | 6.92 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.63 | 200 | 14514  | 3.44 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.36 | 188 | 209215 | 6.27 | ng/ul | 0.00 |
| 78) Pyrene-d10                 | 19.65 | 212 | 279354 | 6.43 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12         | 23.62 | 264 | 319178 | 6.27 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |        |       |       | Ovalue |
|--------------------------------|-------|-----|--------|-------|-------|--------|
| 28) Naphthalene                | 10.73 | 128 | 34450  | 1.65  | ng/ul | 95     |
| 36) 1,2,4,5-Tetrachlorobenzene | 12.70 | 216 | 66119  | 8.49  | ng/ul | 91     |
| 72) 1,2,3,4-Tetrachlorobenzene | 13.31 | 216 | 214946 | 25.95 | ng/uL | 97     |
| 73) Pentachlorobenzene         | 14.83 | 250 | 13893  | 1.56  | ng/uL | 100    |

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

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