

Data Path : Z:\HPCHEM1\BNA M\DATA\BM032417\  
 Data File : BM009402.D  
 Acq On : 25 Mar 2017 04:25  
 Operator : SJ/MA  
 Sample : I2358-04DL 5X  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0BJ3DL

Manual Integrations  
 APPROVED

mohammad  
 3/27/2017 1:18:07 PM

Quant Time: Mar 25 05:46:46 2017  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM032317MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Mar 25 01:48:31 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.86  | 152  | 188365   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.66 | 136  | 701812   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.50 | 164  | 380886   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.24 | 188  | 856512   | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.42 | 240  | 1112447  | 20.00 | ng/ul | 0.00     |
| 85) Perylene-d12          | 23.74 | 264  | 1060928  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |      |       |      |
|--------------------------------|-------|-----|---------|------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.33  | 96  | 5633    | 1.14 | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.00  | 99  | 24751   | 1.45 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.19  | 67  | 76977   | 6.34 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.38  | 132 | 60972   | 5.32 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.55  | 113 | 42061   | 3.31 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.02  | 128 | 34185   | 6.63 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.74  | 143 | 34503   | 6.17 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.27 | 165 | 67036   | 6.09 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.81 | 131 | 2618    | 0.21 | ng/ul | 0.02 |
| 43) Dimethylphthalate-d6       | 13.90 | 166 | 222570  | 8.31 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.19 | 160 | 260313  | 7.75 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.69 | 143 | 4893    | 0.99 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.49 | 176 | 199858  | 8.13 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.61 | 200 | 24146   | 4.46 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.34 | 188 | 306337m | 7.50 | ng/ul | 0.00 |
| 78) Pyrene-d10                 | 19.63 | 212 | 367746  | 7.80 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12         | 23.59 | 264 | 369190  | 7.56 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |        |       |        | Ovalue |
|--------------------------------|-------|-----|--------|-------|--------|--------|
| 20) Nitrobenzene               | 9.06  | 77  | 26317  | 1.51  | ng/ul# | 73     |
| 36) 1,2,4,5-Tetrachlorobenzene | 12.68 | 216 | 157721 | 12.32 | ng/ul  | 97     |
| 72) 1,2,3,4-Tetrachlorobenzene | 13.29 | 216 | 626467 | 49.75 | ng/uL  | 99     |
| 73) Pentachlorobenzene         | 14.81 | 250 | 23242  | 1.87  | ng/uL  | 92     |

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

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