

Data Path : Z:\HPCHEM1\BNA\_B\DATA\BB102016\  
 Data File : BB058680.D  
 Acq On : 20 Oct 2016 15:34  
 Operator : UM/SJ  
 Sample : MDL-07-W  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_B  
 ClientSampleId :  
 MDL-07-W

Manual Integrations  
 APPROVED

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 10/21/2016 1:00:07 PM

Quant Time: Oct 20 16:46:36 2016  
 Quant Method : Z:\HPCHEM1\BNA\_B\METHOD\SOM02.2-EPA-BB101916-MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Oct 20 16:25:04 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.68  | 152  | 636702   | 20.00 | ng/ul | 0.00     |
| 7) Naphthalene-d8         | 11.62 | 136  | 2573823  | 20.00 | ng/ul | -0.02    |
| 13) Acenaphthene-d10      | 15.59 | 164  | 1421576  | 20.00 | ng/ul | 0.00     |
| 18) Phenanthrene-d10      | 18.42 | 188  | 2156571  | 20.00 | ng/ul | 0.00     |
| 23) Chrysene-d12          | 22.79 | 240  | 2256981  | 20.00 | ng/ul | 0.00     |
| 25) Perylene-d12          | 25.85 | 264  | 1535092  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |          |       |       |       |
|--------------------------------|-------|-----|----------|-------|-------|-------|
| 2) 1,4-Dioxane-d8              | 3.67  | 96  | 112105   | 7.65  | ng/uL | 0.02  |
| 3) Phenol-d5                   | 7.81  | 99  | 1649096  | 33.84 | ng/ul | 0.00  |
| 4) Bis-(2-Chloroethyl)ether-d  | 7.96  | 67  | 1272550  | 37.07 | ng/ul | 0.00  |
| 5) 2-Chlorophenol-d4           | 8.20  | 132 | 1626846  | 33.65 | ng/ul | 0.00  |
| 6) 4-Methylphenol-d8           | 9.45  | 113 | 1290359  | 32.88 | ng/ul | -0.02 |
| 8) Nitrobenzene-d5             | 9.91  | 128 | 845566   | 32.87 | ng/ul | 0.02  |
| 9) 2-Nitrophenol-d4            | 10.66 | 143 | 911484   | 32.58 | ng/ul | 0.00  |
| 10) 2,4-Dichlorophenol-d3      | 11.24 | 165 | 1156693  | 30.03 | ng/ul | 0.00  |
| 11) 4-Chloroaniline-d4         | 11.76 | 131 | 1726093  | 35.04 | ng/ul | 0.00  |
| 14) Dimethylphthalate-d6       | 14.95 | 166 | 3027422  | 32.16 | ng/ul | 0.00  |
| 15) Acenaphthylene-d8          | 15.26 | 160 | 3679097  | 33.24 | ng/ul | 0.00  |
| 16) 4-Nitrophenol-d4           | 15.78 | 143 | 642513   | 30.28 | ng/ul | 0.00  |
| 17) Fluorene-d10               | 16.61 | 176 | 2608267  | 34.02 | ng/ul | 0.00  |
| 19) 4,6-Dinitro-2-methylphenol | 16.72 | 200 | 602721   | 26.60 | ng/ul | 0.00  |
| 20) Anthracene-d10             | 18.53 | 188 | 3432642m | 35.02 | ng/ul | 0.02  |
| 24) Pyrene-d10                 | 20.86 | 212 | 3486876  | 34.70 | ng/ul | 0.00  |
| 26) Benzo(a)pyrene-d12         | 25.66 | 264 | 2280891  | 32.96 | ng/ul | 0.02  |

| Target Compounds               |       |     |        |      |       | Qvalue |
|--------------------------------|-------|-----|--------|------|-------|--------|
| 12) 1-Methylnaphthalene        | 13.57 | 142 | 236270 | 2.90 | ng/ul | 98     |
| 21) 1,2,3,4-Tetrachlorobenzene | 14.34 | 216 | 104244 | 2.74 | ng/uL | 99     |
| 22) Pentachlorobenzene         | 15.94 | 250 | 96747  | 2.60 | ng/uL | 95     |

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

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