

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\  
 Data File : BM002111.D  
 Acq On : 29 Jul 2015 02:15  
 Operator : TP/UM  
 Sample : G3030-08  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C01N0

Manual Integrations  
 APPROVED

apatel  
 7/30/2015 7:48:03 AM

Quant Time: Jul 29 07:41:25 2015  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM072715.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Jul 29 01:50:38 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.60  | 152  | 55926    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.39 | 136  | 208776   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.26 | 164  | 119677m  | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.03 | 188  | 207371m  | 20.00 | ng/ul | 0.02     |
| 78) Chrysene-d12          | 21.30 | 240  | 335088   | 20.00 | ng/ul | 0.10     |
| 86) Perylene-d12          | 23.43 | 264  | 318226   | 20.00 | ng/ul | 0.03     |

| System Monitoring Compounds    | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 3) 1,4-Dioxane-d8              | 3.07  | 96   | 2134     | 1.97  | ng/uL | 0.00     |
| 5) Phenol-d5                   | 6.78  | 99   | 55749    | 13.94 | ng/ul | 0.00     |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.93  | 67   | 36078    | 16.32 | ng/ul | 0.00     |
| 9) 2-Chlorophenol-d4           | 7.13  | 132  | 46955    | 13.86 | ng/ul | 0.00     |
| 13) 4-Methylphenol-d8          | 8.31  | 113  | 48669    | 15.31 | ng/ul | 0.00     |
| 19) Nitrobenzene-d5            | 8.76  | 128  | 23998    | 16.17 | ng/ul | 0.00     |
| 22) 2-Nitrophenol-d4           | 9.47  | 143  | 26811    | 16.26 | ng/ul | 0.00     |
| 26) 2,4-Dichlorophenol-d3      | 10.02 | 165  | 49729    | 15.66 | ng/ul | 0.00     |
| 29) 4-Chloroaniline-d4         | 0.00  | 131  | 0        | 0.00  | ng/ul |          |
| 44) Dimethylphthalate-d6       | 13.68 | 166  | 140793   | 16.06 | ng/ul | 0.00     |
| 47) Acenaphthylene-d8          | 13.95 | 160  | 151285   | 13.80 | ng/ul | 0.00     |
| 52) 4-Nitrophenol-d4           | 14.50 | 143  | 3487     | 2.38  | ng/ul | 0.03     |
| 58) Fluorene-d10               | 15.27 | 176  | 125490m  | 16.27 | ng/ul | 0.01     |
| 63) 4,6-Dinitro-2-methylphenol | 15.40 | 200  | 134      | 0.11  | ng/ul | 0.01     |
| 71) Anthracene-d10             | 17.12 | 188  | 233489   | 25.22 | ng/ul | 0.01     |
| 79) Pyrene-d10                 | 19.46 | 212  | 69803m   | 4.95  | ng/ul | 0.05     |
| 90) Benzo(a)pyrene-d12         | 23.29 | 264  | 213285   | 13.83 | ng/ul | 0.03     |

| Target Compounds      | R.T.  | QIon | Response | Conc | Units  | Ovalue |
|-----------------------|-------|------|----------|------|--------|--------|
| 6) Phenol             | 6.80  | 94   | 4752     | 1.16 | ng/ul# | 90     |
| 14) Acetophenone      | 8.42  | 105  | 5971     | 1.19 | ng/ul# | 95     |
| 16) 4-Methylphenol    | 8.37  | 108  | 18810    | 5.66 | ng/ul  | 87     |
| 45) Dimethylphthalate | 13.73 | 163  | 70887    | 8.10 | ng/ul  | 97     |

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

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