

Data Path : Z:\HPCHEM1\BNA M\DATA\BM060916\  
 Data File : BM005709.D  
 Acq On : 09 Jun 2016 11:58  
 Operator : UM/SJ  
 Sample : H3411-04  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 D9XQ4

Manual Integrations  
 APPROVED

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 6/10/2016 6:03:54 PM

Quant Time: Jun 10 01:29:37 2016  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM060216.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Jun 10 01:23:18 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.75  | 152  | 90819    | 20.00 | ng/ul | 0.00     |
| 7) Naphthalene-d8         | 10.55 | 136  | 452307   | 20.00 | ng/ul | 0.00     |
| 15) Acenaphthene-d10      | 14.40 | 164  | 281615   | 20.00 | ng/ul | 0.00     |
| 23) Phenanthrene-d10      | 17.14 | 188  | 645759   | 20.00 | ng/ul | 0.00     |
| 29) Chrysene-d12          | 21.33 | 240  | 670563   | 20.00 | ng/ul | 0.00     |
| 34) Perylene-d12          | 23.59 | 264  | 605132   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 2) 1,4-Dioxane-d8              | 3.20  | 96  | 4190   | 1.94  | ng/uL | 0.00 |
| 3) Phenol-d5                   | 6.94  | 99  | 150135 | 18.80 | ng/ul | 0.00 |
| 4) Bis-(2-Chloroethyl)ether-d  | 7.08  | 67  | 104181 | 21.44 | ng/ul | 0.00 |
| 5) 2-Chlorophenol-d4           | 7.29  | 132 | 130818 | 19.86 | ng/ul | 0.00 |
| 6) 4-Methylphenol-d8           | 8.47  | 113 | 103339 | 16.36 | ng/ul | 0.00 |
| 8) Nitrobenzene-d5             | 8.91  | 128 | 72742  | 20.94 | ng/ul | 0.00 |
| 9) 2-Nitrophenol-d4            | 9.63  | 143 | 84138  | 22.64 | ng/ul | 0.00 |
| 10) 2,4-Dichlorophenol-d3      | 10.18 | 165 | 139685 | 21.15 | ng/ul | 0.00 |
| 12) 4-Chloroaniline-d4         | 10.69 | 131 | 197115 | 25.11 | ng/ul | 0.00 |
| 16) Dimethylphthalate-d6       | 13.80 | 166 | 547299 | 25.28 | ng/ul | 0.00 |
| 17) Acenaphthylene-d8          | 14.09 | 160 | 659165 | 23.41 | ng/ul | 0.00 |
| 20) 4-Nitrophenol-d4           | 14.64 | 143 | 59136m | 19.08 | ng/ul | 0.00 |
| 21) Fluorene-d10               | 15.39 | 176 | 474580 | 25.52 | ng/ul | 0.00 |
| 24) 4,6-Dinitro-2-methylphenol | 15.53 | 200 | 35842  | 11.79 | ng/ul | 0.00 |
| 26) Anthracene-d10             | 17.24 | 188 | 710131 | 23.16 | ng/ul | 0.00 |
| 30) Pyrene-d10                 | 19.54 | 212 | 805091 | 23.89 | ng/ul | 0.00 |
| 37) Benzo(a)pyrene-d12         | 23.44 | 264 | 683419 | 24.54 | ng/ul | 0.00 |

| Target Compounds |       |     |       |            | Ovalue |
|------------------|-------|-----|-------|------------|--------|
| 28) Fluoranthene | 19.20 | 202 | 46416 | 1.27 ng/ul | 98     |

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

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