

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122015\  
 Data File : BM003671.D  
 Acq On : 21 Dec 2015 01:13  
 Operator : UM/SJ  
 Sample : G4867-19  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 G9DB4

Quant Time: Dec 21 15:00:50 2015  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM121915.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Dec 21 03:56:12 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.70  | 152  | 24583    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.50 | 136  | 116368   | 20.00 | ng/ul | 0.01     |
| 36) Acenaphthene-d10      | 14.35 | 164  | 73113    | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.10 | 188  | 176891   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.29 | 240  | 222924   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.54 | 264  | 196678   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.16  | 96  | 465    | 1.02  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.87  | 99  | 16251  | 7.84  | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.03  | 67  | 38758  | 35.11 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.23  | 132 | 50126  | 29.64 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.40  | 113 | 34471  | 19.21 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.86  | 128 | 33757  | 39.99 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.57  | 143 | 36818  | 38.76 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.12 | 165 | 60972  | 35.17 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 0.00  | 131 | 0d     | 0.00  | ng/ul |      |
| 44) Dimethylphthalate-d6       | 13.76 | 166 | 229578 | 37.99 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 14.04 | 160 | 268794 | 39.07 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.56 | 143 | 10594  | 9.00  | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.34 | 176 | 196073 | 39.22 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.47 | 200 | 36045  | 36.15 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.20 | 188 | 323378 | 40.18 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.50 | 212 | 378752 | 38.90 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 23.40 | 264 | 386172 | 39.53 | ng/ul | 0.00 |

## Target Compounds

|                         |       |     |         |         |        | Ovalue |
|-------------------------|-------|-----|---------|---------|--------|--------|
| 6) Phenol               | 6.90  | 94  | 3596    | 1.65    | ng/ul  | 93     |
| 28) Naphthalene         | 10.57 | 128 | 6153383 | 1026.35 | ng/ul  | 98     |
| 34) 2-Methylnaphthalene | 12.16 | 142 | 500101  | 111.69  | ng/ul  | 100    |
| 41) 1,1'-Biphenyl       | 13.17 | 154 | 71418   | 12.03   | ng/ul  | 100    |
| 48) Acenaphthylene      | 14.07 | 152 | 16333   | 2.17    | ng/ul# | 83     |
| 50) Acenaphthene        | 14.42 | 153 | 254440  | 50.65   | ng/ul  | 99     |
| 54) Dibenzofuran        | 14.75 | 168 | 11808   | 1.65    | ng/ul  | 94     |
| 59) Fluorene            | 15.40 | 166 | 101610  | 17.65   | ng/ul  | 100    |
| 70) Phenanthrene        | 17.14 | 178 | 235619  | 24.08   | ng/ul  | 99     |
| 72) Anthracene          | 17.23 | 178 | 43404   | 4.35    | ng/ul  | 98     |
| 75) Carbazole           | 17.50 | 167 | 54598   | 5.99    | ng/ul  | 99     |
| 77) Fluoranthene        | 19.16 | 202 | 33490   | 2.98    | ng/ul  | 99     |
| 80) Pyrene              | 19.53 | 202 | 48291   | 3.76    | ng/ul  | 100    |

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

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