

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG102016\  
 Data File : BG024487.D  
 Acq On : 21 Oct 2016 6:53  
 Operator : UM/SJ  
 Sample : MDL-05-W  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MDL-05-W

Manual Integrations  
 APPROVED

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 10/21/2016 6:54:51 PM

Quant Time: Oct 21 18:21:54 2016  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG102016-MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Oct 21 17:27:43 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.28  | 152  | 215140   | 20.00 | ng/ul | 0.00     |
| 7) Naphthalene-d8         | 11.11 | 136  | 991289   | 20.00 | ng/ul | 0.00     |
| 13) Acenaphthene-d10      | 14.89 | 164  | 800165   | 20.00 | ng/ul | 0.00     |
| 18) Phenanthrene-d10      | 17.63 | 188  | 1570865  | 20.00 | ng/ul | 0.00     |
| 23) Chrysene-d12          | 21.93 | 240  | 1826619  | 20.00 | ng/ul | 0.00     |
| 25) Perylene-d12          | 25.38 | 264  | 1898396  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 2) 1,4-Dioxane-d8              | 3.64  | 96  | 26126   | 6.49  | ng/uL | 0.00 |
| 3) Phenol-d5                   | 7.41  | 99  | 609435  | 31.15 | ng/ul | 0.00 |
| 4) Bis-(2-Chloroethyl)ether-d  | 7.59  | 67  | 391021  | 32.33 | ng/ul | 0.00 |
| 5) 2-Chlorophenol-d4           | 7.80  | 132 | 424320  | 30.82 | ng/ul | 0.00 |
| 6) 4-Methylphenol-d8           | 8.97  | 113 | 508019  | 31.13 | ng/ul | 0.00 |
| 8) Nitrobenzene-d5             | 9.45  | 128 | 239079  | 32.25 | ng/ul | 0.00 |
| 9) 2-Nitrophenol-d4            | 10.18 | 143 | 279242  | 32.35 | ng/ul | 0.00 |
| 10) 2,4-Dichlorophenol-d3      | 10.71 | 165 | 513462  | 29.36 | ng/ul | 0.00 |
| 11) 4-Chloroaniline-d4         | 11.23 | 131 | 617220  | 33.93 | ng/ul | 0.00 |
| 14) Dimethylphthalate-d6       | 14.29 | 166 | 1633805 | 30.28 | ng/ul | 0.00 |
| 15) Acenaphthylene-d8          | 14.60 | 160 | 1900004 | 29.59 | ng/ul | 0.00 |
| 16) 4-Nitrophenol-d4           | 15.06 | 143 | 279374  | 30.28 | ng/ul | 0.00 |
| 17) Fluorene-d10               | 15.88 | 176 | 1513803 | 29.44 | ng/ul | 0.00 |
| 19) 4,6-Dinitro-2-methylphenol | 15.99 | 200 | 327598  | 31.21 | ng/ul | 0.00 |
| 20) Anthracene-d10             | 17.74 | 188 | 2083567 | 29.85 | ng/ul | 0.00 |
| 24) Pyrene-d10                 | 20.01 | 212 | 2370902 | 29.88 | ng/ul | 0.00 |
| 26) Benzo(a)pyrene-d12         | 25.14 | 264 | 2566304 | 30.90 | ng/ul | 0.00 |

| Target Compounds               |       |     |         |      | Qvalue   |
|--------------------------------|-------|-----|---------|------|----------|
| 12) 1-Methylnaphthalene        | 12.96 | 142 | 119743m | 3.25 | ng/ul    |
| 21) 1,2,3,4-Tetrachlorobenzene | 13.70 | 216 | 76956   | 3.21 | ng/uL 92 |
| 22) Pentachlorobenzene         | 15.20 | 250 | 80357   | 3.19 | ng/uL 95 |

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

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