

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG101417\  
 Data File : BG029201.D  
 Acq On : 13 Oct 2017 21:30  
 Operator : SJ/JU  
 Sample : I5772-15  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BE2N5

Quant Time: Oct 14 05:44:19 2017  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG101417.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Oct 14 05:39:31 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.17  | 152  | 89028    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.98 | 136  | 385159   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.79 | 164  | 243099   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.52 | 188  | 577369   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.79 | 240  | 562235   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 25.10 | 264  | 557992   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.55  | 96  | 13788   | 6.30  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.31  | 99  | 66573   | 7.79  | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.48  | 67  | 175443  | 32.81 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.70  | 132 | 166072  | 27.55 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.86  | 113 | 125247  | 18.15 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.33  | 128 | 103754  | 37.52 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.06 | 143 | 106706  | 37.67 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.60 | 165 | 201831  | 31.26 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.11 | 131 | 18698   | 2.49  | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 14.19 | 166 | 750699  | 36.12 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.48 | 160 | 886073  | 35.06 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.96 | 143 | 28542   | 7.44  | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.77 | 176 | 627263  | 36.85 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.88 | 200 | 84993   | 30.16 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.62 | 188 | 990369  | 36.27 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.90 | 212 | 1058368 | 36.37 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 24.88 | 264 | 960326  | 36.34 | ng/ul | 0.00 |

## Target Compounds

|                  |       |     |        |       |        | Qvalue |
|------------------|-------|-----|--------|-------|--------|--------|
| 49) Acenaphthene | 14.85 | 153 | 195459 | 11.08 | ng/ul  | 97     |
| 53) Dibenzofuran | 15.18 | 168 | 107638 | 4.46  | ng/ul  | 100    |
| 58) Fluorene     | 15.83 | 166 | 43287  | 2.25  | ng/ul# | 96     |
| 72) Carbazole    | 17.92 | 167 | 210805 | 7.28  | ng/ul  | 99     |
| 74) Fluoranthene | 19.56 | 202 | 127068 | 3.64  | ng/ul# | 92     |
| 77) Pyrene       | 19.92 | 202 | 71090  | 1.89  | ng/ul# | 91     |

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

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