

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102517\  
 Data File : BG029473.D  
 Acq On : 26 Oct 2017 11:39  
 Operator : SJ/JU  
 Sample : I5792-14  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 B0D30

Quant Time: Oct 26 17:26:39 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Oct 26 09:08:53 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.17  | 152  | 92859    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.99 | 136  | 423975   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.79 | 164  | 262882   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.53 | 188  | 567787   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.81 | 240  | 586070   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 25.13 | 264  | 616158   | 20.00 | ng/ul | 0.02     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.55  | 96  | 14865   | 6.51  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.32  | 99  | 301100  | 33.79 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.49  | 67  | 191935  | 34.41 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.70  | 132 | 257394  | 40.94 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.87  | 113 | 213685  | 29.69 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.34  | 128 | 135751  | 44.60 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.06 | 143 | 161179  | 51.69 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.61 | 165 | 283768  | 39.93 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.11 | 131 | 295969  | 35.85 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 14.19 | 166 | 872954  | 38.84 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.49 | 160 | 1121509 | 41.03 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.98 | 143 | 98735   | 23.80 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.78 | 176 | 790139  | 42.93 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.90 | 200 | 97972   | 35.35 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.63 | 188 | 1116670 | 41.58 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.90 | 212 | 1262310 | 41.61 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 24.90 | 264 | 1254770 | 43.00 | ng/ul | 0.02 |

## Target Compounds

|                          |       |     |        |       | Ovalue |    |
|--------------------------|-------|-----|--------|-------|--------|----|
| 6) Phenol                | 7.35  | 94  | 41089  | 4.455 | ng/ul  | 95 |
| 14) Acetophenone         | 8.99  | 105 | 16855  | 1.533 | ng/ul  | 86 |
| 44) Dimethylphthalate    | 14.23 | 163 | 63183  | 2.882 | ng/ul  | 98 |
| 69) Phenanthrene         | 17.57 | 178 | 75934  | 2.474 | ng/ul  | 99 |
| 74) Fluoranthene         | 19.57 | 202 | 66224  | 1.931 | ng/ul  | 99 |
| 77) Pyrene               | 19.93 | 202 | 65610  | 1.670 | ng/ul# | 95 |
| 82) Chrysene             | 21.85 | 228 | 107050 | 3.208 | ng/ul# | 94 |
| 85) Benzo(b)fluoranthene | 24.06 | 252 | 80911  | 2.187 | ng/ul# | 94 |
| 88) Benzo(a)pyrene       | 24.97 | 252 | 36221  | 1.006 | ng/ul# | 78 |

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

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