

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\  
 Data File : BG042096.D  
 Acq On : 9 Aug 2019 10:48  
 Operator : HP/JU  
 Sample : K4147-07  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C0AM9

Manual Integrations  
 APPROVED

Sohil  
 8/13/2019 8:16:34 AM

Quant Time: Aug 10 02:42:30 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG080319MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Aug 09 16:22:05 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.03  | 152  | 82953    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.85 | 136  | 335072   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.69 | 164  | 223947   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.44 | 188  | 452475m  | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.73 | 240  | 472382   | 20.00 | ng/ul | 0.00     |
| 85) Perylene-d12          | 25.00 | 264  | 556046   | 20.00 | ng/ul | 0.01     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.41  | 96  | 5602   | 2.95  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.19  | 99  | 129754 | 19.93 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.35  | 67  | 63684  | 17.49 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.56  | 132 | 117169 | 21.05 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.74  | 113 | 111430 | 20.39 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.20  | 128 | 58998  | 23.39 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.92  | 143 | 73117  | 24.97 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.47 | 165 | 139332 | 23.57 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.98 | 131 | 117811 | 17.96 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 14.09 | 166 | 408685 | 23.53 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.38 | 160 | 461890 | 23.28 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.89 | 143 | 57899  | 19.85 | ng/ul | 0.01 |
| 57) Fluorene-d10               | 15.68 | 176 | 347702 | 22.50 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.81 | 200 | 72303m | 24.91 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.54 | 188 | 538903 | 24.82 | ng/ul | 0.00 |
| 78) Pyrene-d10                 | 19.83 | 212 | 590172 | 22.39 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12         | 24.78 | 264 | 700697 | 24.12 | ng/ul | 0.01 |

## Target Compounds

|                         |       |     |        | Ovalue |           |
|-------------------------|-------|-----|--------|--------|-----------|
| 6) Phenol               | 7.21  | 94  | 8416   | 1.252  | ng/ul# 91 |
| 34) 2-Methylnaphthalene | 12.51 | 142 | 31760  | 2.333  | ng/ul 98  |
| 44) Dimethylphthalate   | 14.14 | 163 | 93543  | 5.424  | ng/ul 99  |
| 58) Fluorene            | 15.74 | 166 | 24129  | 1.434  | ng/ul# 95 |
| 69) Phenanthrene        | 17.49 | 178 | 30944m | 1.249  | ng/ul     |

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

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