

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\  
 Data File : BG047174.D  
 Acq On : 31 Oct 2020 4:21  
 Operator : CG/JU  
 Sample : L4507-09  
 Misc : GCMS CONFIRMATION  
 ALS Vial : 64 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C0BM4

Quant Time: Oct 31 04:11:46 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG102220MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Oct 31 03:13:18 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.05  | 152  | 56184    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.87 | 136  | 221102   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.68 | 164  | 164576   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.43 | 188  | 386615   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.69 | 240  | 399671   | 20.00 | ng/ul | -0.01    |
| 86) Perylene-d12          | 24.93 | 264  | 419819   | 20.00 | ng/ul | -0.03    |

## System Monitoring Compounds

|                                |      |     |    |      |       |  |
|--------------------------------|------|-----|----|------|-------|--|
| 3) 1,4-Dioxane-d8              | 0.00 | 96  | 0  | 0.00 | ng/uL |  |
| 5) Phenol-d5                   | 0.00 | 99  | 0  | 0.00 | ng/ul |  |
| 7) Bis-(2-Chloroethyl)ether-d  | 0.00 | 67  | 0  | 0.00 | ng/ul |  |
| 9) 2-Chlorophenol-d4           | 0.00 | 132 | 0  | 0.00 | ng/ul |  |
| 13) 4-Methylphenol-d8          | 0.00 | 113 | 0  | 0.00 | ng/ul |  |
| 19) Nitrobenzene-d5            | 0.00 | 128 | 0  | 0.00 | ng/ul |  |
| 22) 2-Nitrophenol-d4           | 0.00 | 143 | 0  | 0.00 | ng/ul |  |
| 26) 2,4-Dichlorophenol-d3      | 0.00 | 165 | 0  | 0.00 | ng/ul |  |
| 29) 4-Chloroaniline-d4         | 0.00 | 131 | 0d | 0.00 | ng/ul |  |
| 44) Dimethylphthalate-d6       | 0.00 | 166 | 0  | 0.00 | ng/ul |  |
| 47) Acenaphthylene-d8          | 0.00 | 160 | 0  | 0.00 | ng/ul |  |
| 52) 4-Nitrophenol-d4           | 0.00 | 143 | 0  | 0.00 | ng/ul |  |
| 58) Fluorene-d10               | 0.00 | 176 | 0  | 0.00 | ng/ul |  |
| 63) 4,6-Dinitro-2-methylphenol | 0.00 | 200 | 0  | 0.00 | ng/ul |  |
| 71) Anthracene-d10             | 0.00 | 188 | 0d | 0.00 | ng/ul |  |
| 79) Pyrene-d10                 | 0.00 | 212 | 0  | 0.00 | ng/ul |  |
| 90) Benzo(a)pyrene-d12         | 0.00 | 264 | 0d | 0.00 | ng/ul |  |

## Target Compounds

|                          |       |     |        |        | Ovalue |    |
|--------------------------|-------|-----|--------|--------|--------|----|
| 70) Phenanthrene         | 17.47 | 178 | 195044 | 8.995  | ng/ul  | 99 |
| 77) Fluoranthene         | 19.48 | 202 | 272451 | 10.439 | ng/ul  | 99 |
| 80) Pyrene               | 19.84 | 202 | 107920 | 3.946  | ng/ul  | 98 |
| 83) Benzo(a)anthracene   | 21.68 | 228 | 71600  | 2.644  | ng/ul  | 95 |
| 85) Chrysene             | 21.74 | 228 | 85742  | 3.292  | ng/ul  | 99 |
| 88) Benzo(b)fluoranthene | 23.90 | 252 | 72539  | 2.601  | ng/ul  | 99 |

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

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