

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081220\  
 Data File : BG046237.D  
 Acq On : 12 Aug 2020 19:04  
 Operator : CG/JU  
 Sample : L3612-16  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DBFP4

Manual Integrations  
 APPROVED

mohammad  
 8/13/2020 11:47:06 AM

Quant Time: Aug 13 00:42:31 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG072320MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Aug 12 13:12:31 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.95  | 152  | 108872   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.74 | 136  | 440194   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.57 | 164  | 282201   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.32 | 188  | 634106   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.56 | 240  | 644491   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 24.67 | 264  | 681155   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.42  | 96  | 4460   | 2.02  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.11  | 99  | 93455  | 10.94 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.28  | 67  | 59610  | 11.26 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.48  | 132 | 79503  | 11.63 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.65  | 113 | 69009  | 9.57  | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.10  | 128 | 38913  | 12.52 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.83  | 143 | 45348  | 14.28 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.37 | 165 | 81038  | 11.27 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.88 | 131 | 69345  | 8.56  | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 13.98 | 166 | 282990 | 12.86 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 14.27 | 160 | 320319 | 12.26 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.77 | 143 | 36349m | 10.11 | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.57 | 176 | 247416 | 12.35 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.67 | 200 | 38999  | 12.29 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.41 | 188 | 376184 | 12.86 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.70 | 212 | 446804 | 13.11 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 24.46 | 264 | 468038 | 12.40 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |        |       | Ovalue    |
|--------------------------------|-------|-----|--------|-------|-----------|
| 45) Dimethylphthalate          | 14.03 | 163 | 164540 | 7.454 | ng/ul 98  |
| 70) Phenanthrene               | 17.36 | 178 | 94566  | 2.672 | ng/ul 98  |
| 77) Fluoranthene               | 19.36 | 202 | 254472 | 6.555 | ng/ul 98  |
| 80) Pyrene                     | 19.73 | 202 | 205422 | 4.714 | ng/ul 98  |
| 83) Benzo(a)anthracene         | 21.54 | 228 | 133377 | 3.142 | ng/ul 97  |
| 84) Bis(2-ethylhexyl)phthalate | 21.47 | 149 | 37704  | 1.733 | ng/ul 97  |
| 85) Chrysene                   | 21.61 | 228 | 125810 | 3.049 | ng/ul 98  |
| 88) Benzo(b)fluoranthene       | 23.69 | 252 | 192080 | 4.174 | ng/ul 98  |
| 89) Benzo(k)fluoranthene       | 23.75 | 252 | 69180m | 1.531 | ng/ul     |
| 91) Benzo(a)pyrene             | 24.52 | 252 | 114036 | 2.702 | ng/ul 96  |
| 92) Indeno(1,2,3-cd)pyrene     | 28.16 | 276 | 84464  | 1.603 | ng/ul# 90 |
| 94) Benzo(g,h,i)perylene       | 29.26 | 276 | 79184m | 1.778 | ng/ul     |

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

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