

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\  
 Data File : BG047437.D  
 Acq On : 24 Nov 2020 7:50  
 Operator : CG/JU  
 Sample : L4749-12  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C0AX9

Manual Integrations  
 APPROVED

mohammad  
 11/25/2020 12:47:52 PM

Quant Time: Nov 24 09:36:00 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG111920MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Nov 23 13:14:53 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.27  | 152  | 36806    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 11.10 | 136  | 140221   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.88 | 164  | 103302   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.62 | 188  | 227388   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.90 | 240  | 209575   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 25.30 | 264  | 213439   | 20.00 | ng/ul | -0.01    |

## System Monitoring Compounds

|                                |       |     |        |       |       |       |
|--------------------------------|-------|-----|--------|-------|-------|-------|
| 3) 1,4-Dioxane-d8              | 3.63  | 96  | 2241m  | 2.21  | ng/uL | 0.01  |
| 5) Phenol-d5                   | 7.40  | 99  | 46770  | 12.67 | ng/ul | 0.00  |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.58  | 67  | 25225  | 11.98 | ng/ul | 0.00  |
| 9) 2-Chlorophenol-d4           | 7.80  | 132 | 35166  | 14.20 | ng/ul | 0.00  |
| 13) 4-Methylphenol-d8          | 8.97  | 113 | 37649  | 13.27 | ng/ul | 0.00  |
| 19) Nitrobenzene-d5            | 9.44  | 128 | 19368  | 16.72 | ng/ul | 0.00  |
| 22) 2-Nitrophenol-d4           | 10.17 | 143 | 19835  | 15.70 | ng/ul | 0.00  |
| 26) 2,4-Dichlorophenol-d3      | 10.71 | 165 | 43769  | 15.13 | ng/ul | 0.00  |
| 29) 4-Chloroaniline-d4         | 11.22 | 131 | 46731  | 15.97 | ng/ul | 0.00  |
| 44) Dimethylphthalate-d6       | 14.28 | 166 | 132445 | 14.93 | ng/ul | 0.00  |
| 47) Acenaphthylene-d8          | 14.58 | 160 | 157511 | 15.37 | ng/ul | 0.00  |
| 52) 4-Nitrophenol-d4           | 15.04 | 143 | 15994  | 11.82 | ng/ul | 0.00  |
| 58) Fluorene-d10               | 15.87 | 176 | 121361 | 14.94 | ng/ul | 0.00  |
| 63) 4,6-Dinitro-2-methylphenol | 15.97 | 200 | 8003   | 6.18  | ng/ul | 0.00  |
| 71) Anthracene-d10             | 17.72 | 188 | 185224 | 16.42 | ng/ul | 0.00  |
| 79) Pyrene-d10                 | 19.98 | 212 | 211942 | 17.38 | ng/ul | 0.00  |
| 90) Benzo(a)pyrene-d12         | 25.07 | 264 | 210490 | 17.13 | ng/ul | -0.01 |

## Target Compounds

|                                |       |     |       |              | Ovalue |
|--------------------------------|-------|-----|-------|--------------|--------|
| 6) Phenol                      | 7.43  | 94  | 10522 | 2.975 ng/ul# | 82     |
| 45) Dimethylphthalate          | 14.32 | 163 | 49889 | 5.515 ng/ul# | 98     |
| 84) Bis(2-ethylhexyl)phthalate | 21.77 | 149 | 43813 | 6.029 ng/ul  | 91     |

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

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