

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112120\  
 Data File : BG047395.D  
 Acq On : 21 Nov 2020 13:13  
 Operator : CG/JU  
 Sample : L4854-06  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C0AD4

Manual Integrations  
 APPROVED

mohammad  
 11/24/2020 9:00:26 AM

Quant Time: Nov 21 13:51:18 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG111920MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Nov 21 11:53:19 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.28  | 152  | 35881    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 11.11 | 136  | 141897   | 20.00 | ng/ul | 0.01     |
| 36) Acenaphthene-d10      | 14.90 | 164  | 99693    | 20.00 | ng/ul | 0.01     |
| 62) Phenanthrene-d10      | 17.63 | 188  | 192038   | 20.00 | ng/ul | 0.01     |
| 78) Chrysene-d12          | 21.91 | 240  | 183864   | 20.00 | ng/ul | 0.01     |
| 86) Perylene-d12          | 25.33 | 264  | 199452   | 20.00 | ng/ul | 0.04     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.62  | 96  | 2061   | 2.09  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.41  | 99  | 48867  | 13.58 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.59  | 67  | 30475  | 14.85 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.80  | 132 | 37727  | 15.63 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.97  | 113 | 36364  | 13.15 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.45  | 128 | 18570  | 15.84 | ng/ul | 0.01 |
| 22) 2-Nitrophenol-d4           | 10.17 | 143 | 22121  | 17.30 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.72 | 165 | 47582  | 16.25 | ng/ul | 0.01 |
| 29) 4-Chloroaniline-d4         | 11.23 | 131 | 44171  | 14.92 | ng/ul | 0.01 |
| 44) Dimethylphthalate-d6       | 14.28 | 166 | 139394 | 16.29 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 14.59 | 160 | 167588 | 16.94 | ng/ul | 0.01 |
| 52) 4-Nitrophenol-d4           | 15.05 | 143 | 19390  | 14.85 | ng/ul | 0.01 |
| 58) Fluorene-d10               | 15.88 | 176 | 119927 | 15.30 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.98 | 200 | 10574  | 9.67  | ng/ul | 0.01 |
| 71) Anthracene-d10             | 17.73 | 188 | 174292 | 18.30 | ng/ul | 0.01 |
| 79) Pyrene-d10                 | 19.99 | 212 | 179123 | 16.74 | ng/ul | 0.01 |
| 90) Benzo(a)pyrene-d12         | 25.09 | 264 | 205241 | 17.88 | ng/ul | 0.03 |

## Target Compounds

|                         |       |     |        |       | Ovalue |    |
|-------------------------|-------|-----|--------|-------|--------|----|
| 6) Phenol               | 7.44  | 94  | 11470  | 3.327 | ng/ul  | 92 |
| 28) Naphthalene         | 11.16 | 128 | 11223  | 1.396 | ng/ul# | 86 |
| 34) 2-Methylnaphthalene | 12.74 | 142 | 22904  | 3.846 | ng/ul  | 92 |
| 45) Dimethylphthalate   | 14.33 | 163 | 57594  | 6.597 | ng/ul# | 94 |
| 70) Phenanthrene        | 17.67 | 178 | 25060  | 2.416 | ng/ul# | 93 |
| 77) Fluoranthene        | 19.66 | 202 | 13652  | 1.042 | ng/ul# | 98 |
| 80) Pyrene              | 20.02 | 202 | 20121m | 1.545 | ng/ul  |    |

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

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