

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022221\  
 Data File : BG048264.D  
 Acq On : 22 Feb 2021 11:53  
 Operator : CG/JU  
 Sample : M1415-01 5X  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DBH02

Manual Integrations  
 APPROVED

mohammad  
 2/23/2021 3:42:34 PM

Quant Time: Feb 22 14:16:57 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG021321MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Feb 22 11:08:29 2021  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.11  | 152  | 45041    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.93 | 136  | 170720   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.74 | 164  | 119033   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.49 | 188  | 258786   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.80 | 240  | 338577   | 20.00 | ng/ul | 0.03     |
| 86) Perylene-d12          | 25.17 | 264  | 261958   | 20.00 | ng/ul | 0.11     |

## System Monitoring Compounds

|                                |       |     |        |      |       |      |
|--------------------------------|-------|-----|--------|------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.51  | 96  | 594    | 0.55 | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.32  | 99  | 15795  | 4.16 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.44  | 67  | 11391  | 5.04 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.66  | 132 | 12085  | 4.54 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.85  | 113 | 11741  | 3.94 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.29  | 128 | 6697   | 5.25 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.01 | 143 | 6335   | 4.11 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.58 | 165 | 11653  | 3.86 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.09 | 131 | 661m   | 0.22 | ng/ul | 0.01 |
| 44) Dimethylphthalate-d6       | 14.14 | 166 | 35456  | 4.02 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 14.44 | 160 | 43632  | 4.05 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 15.02 | 143 | 4834   | 3.23 | ng/ul | 0.01 |
| 58) Fluorene-d10               | 15.73 | 176 | 31455  | 4.00 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.86 | 200 | 2661   | 1.68 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.59 | 188 | 50398  | 4.54 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.87 | 212 | 59850m | 3.54 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 24.94 | 264 | 57559  | 4.31 | ng/ul | 0.10 |

## Target Compounds

|                        |       |     |         |        | Ovalue   |
|------------------------|-------|-----|---------|--------|----------|
| 4) Benzaldehyde        | 7.26  | 77  | 18661   | 8.364  | ng/ul 94 |
| 6) Phenol              | 7.34  | 94  | 5409    | 1.381  | ng/ul 90 |
| 16) 4-Methylphenol     | 8.93  | 108 | 7146    | 2.336  | ng/ul 83 |
| 83) Benzo(a)anthracene | 21.83 | 228 | 158258m | 7.482  | ng/ul    |
| 85) Chrysene           | 21.89 | 228 | 384597m | 19.025 | ng/ul    |

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

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