

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052119\  
 Data File : BM020489.D  
 Acq On : 22 May 2019 08:55  
 Operator : JU/SJ  
 Sample : K2923-12  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A4259

Manual Integrations  
 APPROVED

mohammad  
 5/23/2019 8:44:03 AM

Quant Time: May 22 13:06:39 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM051619MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed May 22 04:54:12 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.73  | 152  | 79132    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.52 | 136  | 296505   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.38 | 164  | 177957   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.16 | 188  | 440130   | 20.00 | ng/ul | 0.03     |
| 77) Chrysene-d12          | 21.66 | 240  | 471917m  | 20.00 | ng/ul | 0.33     |
| 85) Perylene-d12          | 24.76 | 264  | 529365m  | 20.00 | ng/ul | 1.16     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.22  | 96  | 9261    | 4.32  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.90  | 99  | 149405  | 23.67 | ng/ul | 0.01 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.07  | 67  | 89063   | 22.19 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.26  | 132 | 118481  | 25.59 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.44  | 113 | 100251  | 21.81 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.90  | 128 | 51273   | 26.58 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.61  | 143 | 58977   | 27.72 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.15 | 165 | 121511  | 27.01 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.68 | 131 | 38153   | 8.21  | ng/ul | 0.01 |
| 43) Dimethylphthalate-d6       | 13.79 | 166 | 353708  | 27.63 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.07 | 160 | 442778  | 27.65 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.79 | 143 | 29827m  | 16.04 | ng/ul | 0.19 |
| 57) Fluorene-d10               | 15.38 | 176 | 321950  | 28.27 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.60 | 200 | 10786   | 4.30  | ng/ul | 0.08 |
| 70) Anthracene-d10             | 17.26 | 188 | 518291  | 27.45 | ng/ul | 0.04 |
| 78) Pyrene-d10                 | 19.64 | 212 | 617379  | 27.16 | ng/ul | 0.11 |
| 89) Benzo(a)pyrene-d12         | 24.68 | 264 | 763189m | 31.73 | ng/ul | 1.22 |

## Target Compounds

|                        |       |     |         |        | Ovalue   |
|------------------------|-------|-----|---------|--------|----------|
| 44) Dimethylphthalate  | 13.83 | 163 | 137790  | 10.879 | ng/ul 98 |
| 69) Phenanthrene       | 17.20 | 178 | 55583   | 2.650  | ng/ul 98 |
| 76) Fluoranthene       | 19.29 | 202 | 138202  | 5.217  | ng/ul 97 |
| 79) Pyrene             | 19.67 | 202 | 123742m | 4.369  | ng/ul    |
| 82) Benzo(a)anthracene | 21.64 | 228 | 75723m  | 2.666  | ng/ul    |
| 84) Chrysene           | 21.66 | 228 | 77157m  | 2.842  | ng/ul    |

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

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