

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM123119\  
 Data File : BM024405.D  
 Acq On : 31 Dec 2019 20:40  
 Operator : JU  
 Sample : K6314-03  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BFF17

Manual Integrations  
 APPROVED

mohammad  
 1/2/2020 8:41:14 AM

Quant Time: Jan 01 05:53:04 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM121719MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Jan 01 04:44:04 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.40  | 152  | 206224   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.17 | 136  | 874358   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.07 | 164  | 511620   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 16.83 | 188  | 1064677  | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.04 | 240  | 1059521  | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.17 | 264  | 1292546  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 2.98  | 96  | 38357   | 8.22  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.61  | 99  | 164837  | 8.44  | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.76  | 67  | 374268  | 31.96 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 6.95  | 132 | 378674  | 27.19 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.13  | 113 | 273013  | 17.10 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.56  | 128 | 198511  | 31.59 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.28  | 143 | 217266  | 31.45 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 9.82  | 165 | 378154  | 28.16 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.36 | 131 | 20725m  | 1.27  | ng/ul | 0.03 |
| 44) Dimethylphthalate-d6       | 13.49 | 166 | 1272191 | 33.63 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 13.76 | 160 | 1531482 | 33.78 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.36 | 143 | 42405m  | 6.24  | ng/ul | 0.03 |
| 58) Fluorene-d10               | 15.07 | 176 | 1114532 | 33.60 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.23 | 200 | 167674  | 25.82 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 16.93 | 188 | 1720250 | 35.51 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.24 | 212 | 1909700 | 37.84 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 23.03 | 264 | 2313941 | 36.04 | ng/ul | 0.00 |

## Target Compounds

|                       |       |     |       | Ovalue |           |
|-----------------------|-------|-----|-------|--------|-----------|
| 6) Phenol             | 6.64  | 94  | 22049 | 1.094  | ng/ul# 89 |
| 45) Dimethylphthalate | 13.55 | 163 | 57593 | 1.465  | ng/ul 99  |

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

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