

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071420\  
 Data File : BM026763.D  
 Acq On : 14 Jul 2020 22:03  
 Operator : JU/CG  
 Sample : PB130165BL  
 Misc : PBBL-SOIL-ME-03  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleID :  
 SBLK65

Manual Integrations  
 APPROVED

mohammad  
 7/15/2020 10:58:53 AM

Quant Time: Jul 15 00:48:42 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM063020MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Jul 14 10:31:32 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.31  | 152  | 75664    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.06 | 136  | 305375   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 13.97 | 164  | 183440   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 16.73 | 188  | 380552   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 20.95 | 240  | 327617   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.02 | 264  | 382316   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 2.90  | 96  | 16033  | 6.37  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.52  | 99  | 210727 | 30.41 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.67  | 67  | 155315 | 33.14 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 6.85  | 132 | 168100 | 31.57 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.04  | 113 | 166397 | 30.02 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.45  | 128 | 79522  | 32.93 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.17  | 143 | 88049  | 34.19 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 9.71  | 165 | 149027 | 29.55 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.22 | 131 | 211191 | 39.77 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 13.40 | 166 | 506093 | 34.58 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 13.65 | 160 | 571703 | 32.33 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.24 | 143 | 59418m | 28.14 | ng/ul | 0.00 |
| 58) Fluorene-d10               | 14.98 | 176 | 425263 | 33.19 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.13 | 200 | 60750  | 25.55 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 16.83 | 188 | 525671 | 28.05 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.14 | 212 | 672774 | 39.52 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 22.89 | 264 | 700471 | 33.95 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |       | Ovalue |           |
|--------------------------------|-------|-----|-------|--------|-----------|
| 2) 1,4-Dioxane                 | 2.94  | 88  | 231   | 0.085  | ng/uL# 32 |
| 4) Benzaldehyde                | 6.52  | 77  | 487   | 0.132  | ng/ul# 8  |
| 8) Bis(2-Chloroethyl)ether     | 6.85  | 93  | 257   | 0.044  | ng/ul# 1  |
| 20) Nitrobenzene               | 8.45  | 77  | 1205  | 0.158  | ng/ul# 48 |
| 21) Isophorone                 | 9.17  | 82  | 11161 | 0.872  | ng/ul# 73 |
| 46) 2,6-Dinitrotoluene         | 13.41 | 165 | 2655  | 0.897  | ng/ul# 29 |
| 59) Fluorene                   | 14.98 | 166 | 1041  | 0.067  | ng/ul# 8  |
| 61) 4-Nitroaniline             | 14.98 | 138 | 170   | 0.061  | ng/ul# 1  |
| 65) N-Nitrosodiphenylamine     | 15.14 | 169 | 367   | 0.029  | ng/ul# 1  |
| 76) Di-n-butylphthalate        | 17.74 | 149 | 337   | 0.015  | ng/ul# 78 |
| 80) Pyrene                     | 19.14 | 202 | 938   | 0.040  | ng/ul# 1  |
| 81) Butylbenzylphthalate       | 20.11 | 149 | 65    | 0.008  | ng/ul# 17 |
| 83) Benzo(a)anthracene         | 20.95 | 228 | 1030  | 0.046  | ng/ul# 56 |
| 84) Bis(2-ethylhexyl)phthalate | 20.91 | 149 | 532   | 0.043  | ng/ul# 53 |
| 85) Chrysene                   | 20.95 | 228 | 1030  | 0.046  | ng/ul# 54 |
| 87) Di-n-octyl phthalate       | 21.75 | 149 | 122   | 0.005  | ng/ul 100 |
| 88) Benzo(b)fluoranthene       | 22.42 | 252 | 401   | 0.015  | ng/ul# 1  |
| 89) Benzo(k)fluoranthene       | 22.45 | 252 | 246   | 0.010  | ng/ul# 1  |
| 91) Benzo(a)pyrene             | 22.93 | 252 | 160   | 0.007  | ng/ul# 1  |

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071420\  
Data File : BM026763.D  
Acq On : 14 Jul 2020 22:03  
Operator : JU/CG  
Sample : PB130165BL  
Misc : PBBL-SOIL-ME-03  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
SBLK65

Manual Integrations  
APPROVED

mohammad  
7/15/2020 10:58:53 AM

Quant Time: Jul 15 00:48:42 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM063020MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Jul 14 10:31:32 2020  
Response via : Initial Calibration

