

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV010419\  
 Data File : VV009159.D  
 Acq On : 04 Jan 2019 13:03  
 Operator : SY/MD  
 Sample : IBLK  
 Misc : 5.00 G/10ML/MSVOA V/SOIL  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 IBLK

Quant Time: Jan 05 04:48:01 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOM2VLM010419S.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Jan 05 04:20:20 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 192243   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 173225   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 86423    | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |      |      |
|--------------------------------|-------|-----|--------|-------|------|------|
| 4) Vinyl Chloride-d3           | 1.32  | 65  | 25502  | 19.40 | ug/L | 0.00 |
| 7) Chloroethane-d5             | 1.58  | 69  | 30301  | 23.76 | ug/L | 0.00 |
| 10) 1,1-Dichloroethene-d2      | 2.13  | 63  | 65412  | 14.88 | ug/L | 0.00 |
| 20) 2-Butanone-d5              | 3.97  | 46  | 35369  | 38.80 | ug/L | 0.00 |
| 24) Chloroform-d               | 4.40  | 84  | 83620  | 20.66 | ug/L | 0.00 |
| 26) 1,2-Dichloroethane-d4      | 5.08  | 65  | 47093  | 21.75 | ug/L | 0.00 |
| 29) Benzene-d6                 | 5.10  | 84  | 168865 | 21.88 | ug/L | 0.00 |
| 33) 1,2-Dichloropropane-d6     | 6.12  | 67  | 48762  | 22.04 | ug/L | 0.00 |
| 37) Toluene-d8                 | 7.36  | 98  | 153984 | 21.15 | ug/L | 0.00 |
| 38) trans-1,3-Dichloropropene- | 7.67  | 79  | 20688  | 19.70 | ug/L | 0.00 |
| 39) 2-Hexanone-d5              | 8.15  | 63  | 22708  | 43.48 | ug/L | 0.00 |
| 48) 1,1,2,2-Tetrachloroethane- | 10.26 | 84  | 53412  | 21.96 | ug/L | 0.00 |
| 61) 1,2-Dichlorobenzene-d4     | 11.68 | 152 | 63319  | 21.68 | ug/L | 0.00 |

## Target Compounds

|                            |       |     |      |              | Qvalue |
|----------------------------|-------|-----|------|--------------|--------|
| 13) Acetone                | 2.22  | 43  | 4093 | 3.122 ug/L   | 99     |
| 16) Methylene chloride     | 2.54  | 84  | 2992 | 1.042 ug/L   | 84     |
| 43) 4-Methyl-2-pentanone   | 7.29  | 43  | 1977 | 0.924 ug/L # | 68     |
| 56) Styrene                | 9.61  | 104 | 2172 | 0.315 ug/L   | 91     |
| 63) 1,3-Dichlorobenzene    | 11.23 | 146 | 3768 | 0.692 ug/L   | 97     |
| 64) 1,4-Dichlorobenzene    | 11.32 | 146 | 4529 | 0.798 ug/L   | 97     |
| 65) 1,2-Dichlorobenzene    | 11.69 | 146 | 3750 | 0.723 ug/L # | 89     |
| 68) 1,2,4-trichlorobenzene | 13.31 | 180 | 6472 | 1.811 ug/L   | 94     |
| 70) 1,2,3-Trichlorobenzene | 13.80 | 180 | 6840 | 2.085 ug/L   | 92     |

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

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