

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112019\  
 Data File : VY000757.D  
 Acq On : 20 Nov 2019 17:16  
 Operator : SY/MD  
 Sample : VIBLK  
 Misc : 5.00G/5ML/MSVOA Y/SOIL  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VIBLK

Quant Time: Nov 21 08:18:07 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y103019S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Oct 30 13:30:53 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.80  | 168  | 369788   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.69  | 114  | 632818   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.49 | 117  | 550830   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.42 | 152  | 257131   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 33) 1,2-Dichloroethane-d4   | 8.15  | 65   | 170054   | 44.44 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 88.88% |          |
| 35) Dibromofluoromethane    | 7.73  | 113  | 171814   | 46.25 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 92.50% |          |
| 50) Toluene-d8              | 10.18 | 98   | 680686   | 48.29 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 96.58% |          |
| 62) 4-Bromofluorobenzene    | 12.48 | 95   | 259187   | 48.30 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 96.60% |          |

| Target Compounds           | R.T.  | QIon | Response | Conc    | Units  | Qvalue |
|----------------------------|-------|------|----------|---------|--------|--------|
| 67) Ethyl Benzene          | 11.59 | 91   | 105383   | 5.127   | ug/l   | 100    |
| 68) m/p-Xylenes            | 11.70 | 106  | 14435    | 1.815   | ug/l   | 93     |
| 73) Isopropylbenzene       | 12.33 | 105  | 113686   | 5.982   | ug/l   | 98     |
| 78) n-propylbenzene        | 12.67 | 91   | 477239   | 20.813  | ug/l   | 98     |
| 80) 1,3,5-Trimethylbenzene | 12.81 | 105  | 1010840  | 63.866  | ug/l   | 100    |
| 83) tert-Butylbenzene      | 13.07 | 119  | 29757    | 2.202   | ug/l   | 91     |
| 84) 1,2,4-Trimethylbenzene | 13.11 | 105  | 3184821  | 202.099 | ug/l   | 99     |
| 85) sec-Butylbenzene       | 13.25 | 105  | 234755   | 12.193  | ug/l # | 67     |
| 86) p-Isopropyltoluene     | 13.36 | 119  | 252621   | 14.722  | ug/l   | 100    |
| 89) n-Butylbenzene         | 13.69 | 91   | 274932   | 16.244  | ug/l # | 76     |
| 95) Naphthalene            | 15.23 | 128  | 396575   | 34.257  | ug/l   | 99     |

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

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