

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY020420\  
 Data File : VY001492.D  
 Acq On : 04 Feb 2020 17:21  
 Operator : SY/MD  
 Sample : L1368-01  
 Misc : 8.57G/5ML/MSVOA Y/SOIL  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 EO-01-020320

Quant Time: Feb 05 06:56:58 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y020420S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Feb 04 15:10:08 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.81  | 168  | 180988   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.71  | 114  | 333483   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.49 | 117  | 276411   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.43 | 152  | 86476    | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 8.16  | 65   | 104607   | 57.40 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 114.80% |          |
| 35) Dibromofluoromethane    | 7.74  | 113  | 101878   | 52.98 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 105.96% |          |
| 50) Toluene-d8              | 10.19 | 98   | 380645   | 52.32 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 104.64% |          |
| 62) 4-Bromofluorobenzene    | 12.49 | 95   | 122453   | 42.72 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 85.44%  |          |

| Target Compounds           | R.T.  | QIon | Response | Conc    | Units  | Qvalue |
|----------------------------|-------|------|----------|---------|--------|--------|
| 16) Acetone                | 3.98  | 43   | 12848    | 24.374  | ug/l   | 95     |
| 18) Methyl Acetate         | 4.50  | 43   | 1837     | 1.633   | ug/l   | 97     |
| 52) Toluene                | 10.25 | 92   | 215670   | 39.062  | ug/l   | 100    |
| 67) Ethyl Benzene          | 11.60 | 91   | 42542    | 4.239   | ug/l   | 97     |
| 68) m/p-Xylenes            | 11.70 | 106  | 72656    | 19.287  | ug/l   | 99     |
| 69) o-Xylene               | 12.03 | 106  | 65217    | 18.361  | ug/l   | 97     |
| 73) Isopropylbenzene       | 12.33 | 105  | 38645    | 5.859   | ug/l   | 97     |
| 78) n-propylbenzene        | 12.67 | 91   | 178477   | 22.604  | ug/l   | 99     |
| 80) 1,3,5-Trimethylbenzene | 12.81 | 105  | 314106   | 56.551  | ug/l   | 99     |
| 84) 1,2,4-Trimethylbenzene | 13.12 | 105  | 1166407  | 212.173 | ug/l   | 100    |
| 85) sec-Butylbenzene       | 13.25 | 105  | 90835    | 13.761  | ug/l   | 86     |
| 86) p-Isopropyltoluene     | 13.37 | 119  | 68163    | 11.718  | ug/l   | 99     |
| 89) n-Butylbenzene         | 13.70 | 91   | 129702   | 22.598  | ug/l # | 76     |
| 95) Naphthalene            | 15.23 | 128  | 544922   | 138.801 | ug/l   | 98     |

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

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