

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY032420\  
 Data File : VY002055.D  
 Acq On : 24 Mar 2020 16:55  
 Operator : SY/MD  
 Sample : L2013-02RE  
 Misc : 4.29G/5ML/MSVOA Y/SOIL  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 GHD1-SB-01-8-9RE

Quant Time: Mar 24 19:03:25 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y030420S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Mar 05 04:05:33 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.81  | 168  | 126321   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.71  | 114  | 253794   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.50 | 117  | 205633   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.43 | 152  | 60906    | 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   | 83711    | 62.07 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 124.14% |          |
| 35) Dibromofluoromethane    | 7.74  | 113  | 75272    | 54.32 | ug/l    | -0.01    |
| Spiked Amount               |       |      | Recovery | =     | 108.64% |          |
| 50) Toluene-d8              | 10.19 | 98   | 296281   | 50.70 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 101.40% |          |
| 62) 4-Bromofluorobenzene    | 12.49 | 95   | 80642    | 39.69 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 79.38%  |          |

| Target Compounds           | R.T.  | QIon | Response | Conc   | Units  | Qvalue |
|----------------------------|-------|------|----------|--------|--------|--------|
| 16) Acetone                | 3.97  | 43   | 34292    | 87.305 | ug/l   | 100    |
| 17) Carbon Disulfide       | 4.22  | 76   | 35630    | 7.547  | ug/l   | 98     |
| 20) Methylene Chloride     | 4.75  | 84   | 5421     | 3.220  | ug/l   | 94     |
| 25) 2-Butanone             | 7.01  | 43   | 10613    | 17.768 | ug/l # | 84     |
| 39) Methylcyclohexane      | 9.19  | 83   | 7968     | 2.460  | ug/l   | 97     |
| 40) Benzene                | 8.18  | 78   | 11326    | 1.565  | ug/l   | 97     |
| 52) Toluene                | 10.25 | 92   | 26493    | 6.025  | ug/l   | 100    |
| 65) Chlorobenzene          | 11.52 | 112  | 10585    | 2.583  | ug/l   | 92     |
| 67) Ethyl Benzene          | 11.60 | 91   | 20657    | 2.703  | ug/l   | 98     |
| 68) m/p-Xylenes            | 11.70 | 106  | 49372    | 17.476 | ug/l   | 99     |
| 69) o-Xylene               | 12.03 | 106  | 18655    | 7.006  | ug/l   | 97     |
| 73) Isopropylbenzene       | 12.33 | 105  | 30772    | 6.618  | ug/l   | 99     |
| 78) n-propylbenzene        | 12.67 | 91   | 30960    | 5.397  | ug/l   | 100    |
| 80) 1,3,5-Trimethylbenzene | 12.81 | 105  | 23712    | 6.195  | ug/l   | 98     |
| 84) 1,2,4-Trimethylbenzene | 13.13 | 105  | 61437    | 16.174 | ug/l   | 99     |
| 85) sec-Butylbenzene       | 13.25 | 105  | 7559     | 1.613  | ug/l # | 70     |
| 86) p-Isopropyltoluene     | 13.38 | 119  | 7742     | 1.915  | ug/l   | 99     |
| 88) 1,4-Dichlorobenzene    | 13.45 | 146  | 30504    | 15.577 | ug/l   | 94     |
| 89) n-Butylbenzene         | 13.70 | 91   | 5765     | 1.375  | ug/l # | 72     |
| 91) 1,2-Dichlorobenzene    | 13.74 | 146  | 8030     | 4.579  | ug/l   | 92     |
| 95) Naphthalene            | 15.24 | 128  | 136814   | 50.717 | ug/l   | 99     |

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

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