

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY032420\  
 Data File : VY002048.D  
 Acq On : 24 Mar 2020 14:19  
 Operator : SY/MD  
 Sample : L2013-02  
 Misc : 7.35G/5ML/MSVOA Y/SOIL  
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Mar 24 16:55:46 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      | 7.82  | 168  | 135278   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.71  | 114  | 260626   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.50 | 117  | 217789   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.43 | 152  | 75269    | 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   | 81227    | 56.24 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 112.48% |          |
| 35) Dibromofluoromethane    | 7.74  | 113  | 74881    | 52.62 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 105.24% |          |
| 50) Toluene-d8              | 10.19 | 98   | 309462   | 51.57 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 103.14% |          |
| 62) 4-Bromofluorobenzene    | 12.49 | 95   | 91600    | 43.90 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 87.80%  |          |

| Target Compounds           | R.T.  | QIon | Response | Conc   | Units | Qvalue |
|----------------------------|-------|------|----------|--------|-------|--------|
| 16) Acetone                | 3.97  | 43   | 29160    | 69.324 | ug/l  | 97     |
| 17) Carbon Disulfide       | 4.22  | 76   | 27992    | 5.536  | ug/l  | 96     |
| 18) Methyl Acetate         | 4.51  | 43   | 6855     | 6.343  | ug/l  | 95     |
| 20) Methylene Chloride     | 4.74  | 84   | 7043     | 3.907  | ug/l  | 94     |
| 25) 2-Butanone             | 7.03  | 43   | 7415     | 11.592 | ug/l  | 95     |
| 39) Methylcyclohexane      | 9.20  | 83   | 9448     | 2.840  | ug/l  | 97     |
| 40) Benzene                | 8.18  | 78   | 10720    | 1.442  | ug/l  | 97     |
| 52) Toluene                | 10.26 | 92   | 21103    | 4.673  | ug/l  | 96     |
| 65) Chlorobenzene          | 11.53 | 112  | 6301     | 1.452  | ug/l  | 97     |
| 67) Ethyl Benzene          | 11.60 | 91   | 21921    | 2.709  | ug/l  | 97     |
| 68) m/p-Xylenes            | 11.71 | 106  | 56327    | 18.825 | ug/l  | 98     |
| 69) o-Xylene               | 12.04 | 106  | 17492    | 6.202  | ug/l  | 98     |
| 73) Isopropylbenzene       | 12.34 | 105  | 23012    | 4.005  | ug/l  | 99     |
| 78) n-propylbenzene        | 12.68 | 91   | 22482    | 3.172  | ug/l  | 97     |
| 80) 1,3,5-Trimethylbenzene | 12.82 | 105  | 18279    | 3.864  | ug/l  | 97     |
| 84) 1,2,4-Trimethylbenzene | 13.13 | 105  | 50399    | 10.736 | ug/l  | 99     |
| 86) p-Isopropyltoluene     | 13.38 | 119  | 7641     | 1.530  | ug/l  | 94     |
| 88) 1,4-Dichlorobenzene    | 13.45 | 146  | 23416    | 9.676  | ug/l  | 96     |
| 91) 1,2-Dichlorobenzene    | 13.75 | 146  | 5529     | 2.551  | ug/l  | 93     |
| 95) Naphthalene            | 15.24 | 128  | 115659   | 34.693 | ug/l  | 100    |

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

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