

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY062220\  
 Data File : VY002988.D  
 Acq On : 22 Jun 2020 20:56  
 Operator : SY/MD  
 Sample : L3082-07  
 Misc : 5.24G/5ML/MSVOA Y/SOIL  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 SB-8

Quant Time: Jun 23 09:42:09 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y061920S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Jun 20 06:39:15 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.80  | 168  | 282887   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.69  | 114  | 434709   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.49 | 117  | 416529   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.42 | 152  | 223584   | 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   | 131823   | 56.42 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 112.84% |          |
| 35) Dibromofluoromethane    | 7.72  | 113  | 131749   | 53.56 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 107.12% |          |
| 50) Toluene-d8              | 10.18 | 98   | 496644   | 51.21 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 102.42% |          |
| 62) 4-Bromofluorobenzene    | 12.48 | 95   | 186688   | 55.49 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 110.98% |          |

| Target Compounds           | R.T.  | QIon | Response | Conc   | Units | Qvalue |
|----------------------------|-------|------|----------|--------|-------|--------|
| 16) Acetone                | 3.96  | 43   | 8533     | 14.745 | ug/l  | 93     |
| 52) Toluene                | 10.24 | 92   | 35306    | 5.190  | ug/l  | 98     |
| 67) Ethyl Benzene          | 11.59 | 91   | 40760    | 2.997  | ug/l  | 99     |
| 68) m/p-Xylenes            | 11.70 | 106  | 70564    | 13.352 | ug/l  | 98     |
| 69) o-Xylene               | 12.03 | 106  | 33785    | 6.782  | ug/l  | 97     |
| 73) Isopropylbenzene       | 12.33 | 105  | 33626    | 2.454  | ug/l  | 99     |
| 78) n-propylbenzene        | 12.67 | 91   | 61820    | 3.889  | ug/l  | 97     |
| 80) 1,3,5-Trimethylbenzene | 12.81 | 105  | 82121    | 7.189  | ug/l  | 97     |
| 84) 1,2,4-Trimethylbenzene | 13.12 | 105  | 288207   | 25.073 | ug/l  | 99     |
| 95) Naphthalene            | 15.23 | 128  | 64543    | 7.012  | ug/l  | 98     |

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

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