

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070620\  
 Data File : VY003107.D  
 Acq On : 06 Jul 2020 12:50  
 Operator : SY/MD  
 Sample : L3211-09  
 Misc : 11.95G/5ML/MSVOA Y/SOIL  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 SB-9 3-3.5

Quant Time: Jul 07 08:03:53 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y062920S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jun 30 04:11:35 2020  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|--------|---------|----------|
| 1) Pentafluorobenzene       | 7.80  | 168  | 173146   | 50.00  | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.69  | 114  | 268871   | 50.00  | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 11.49 | 117  | 246549   | 50.00  | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.42 | 152  | 123042   | 50.00  | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |        |         |          |
| 33) 1,2-Dichloroethane-d4   | 8.15  | 65   | 88125    | 51.24  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 102.48% |          |
| 35) Dibromofluoromethane    | 7.72  | 113  | 87171    | 51.97  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 103.94% |          |
| 50) Toluene-d8              | 10.18 | 98   | 319129   | 51.07  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 102.14% |          |
| 62) 4-Bromofluorobenzene    | 12.48 | 95   | 107152   | 48.72  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 97.44%  |          |
| Target Compounds            |       |      |          |        |         |          |
|                             |       |      |          |        | Qvalue  |          |
| 3) Chloromethane            | 2.12  | 50   | 5317     | 2.769  | ug/l    | 90       |
| 16) Acetone                 | 3.96  | 43   | 5165     | 12.735 | ug/l #  | 83       |
| 18) Methyl Acetate          | 4.49  | 43   | 2171     | 1.987  | ug/l #  | 74       |
| 68) m/p-Xylenes             | 11.70 | 106  | 4827     | 1.458  | ug/l    | 92       |
| 82) 4-Chlorotoluene         | 12.85 | 91   | 6478     | 1.151  | ug/l    | 96       |
| 95) Naphthalene             | 15.23 | 128  | 5901     | 1.257  | ug/l #  | 94       |

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

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