

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110118\  
 Data File : VW006525.D  
 Acq On : 31 Oct 2018 14:52  
 Operator : SY/AP  
 Sample : J5711-03  
 Misc : 6.21G/5ML/MSVOA W/SOIL  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 SB-3

Quant Time: Oct 31 17:12:35 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W101518S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 18 17:01:24 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc    | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|---------|---------|----------|
| 1) Pentafluorobenzene       | 7.95  | 168  | 102778   | 50.00   | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.85  | 114  | 146360   | 50.00   | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 11.63 | 117  | 132779   | 50.00   | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.56 | 152  | 68646    | 50.00   | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |         |         |          |
| 33) 1,2-Dichloroethane-d4   | 8.31  | 65   | 54507    | 63.97   | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =       | 127.94% |          |
| 35) Dibromofluoromethane    | 7.88  | 113  | 54031    | 62.48   | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =       | 124.96% |          |
| 50) Toluene-d8              | 10.32 | 98   | 225652   | 68.58   | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =       | 137.16% |          |
| 62) 4-Bromofluorobenzene    | 12.62 | 95   | 77133    | 62.42   | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =       | 124.84% |          |
| Target Compounds            |       |      |          |         |         |          |
|                             |       |      |          |         | Qvalue  |          |
| 17) Carbon Disulfide        | 4.38  | 76   | 2738     | 1.056   | ug/l    | 97       |
| 31) Cyclohexane             | 7.96  | 56   | 199260   | 127.796 | ug/l    | 94       |
| 39) Methylcyclohexane       | 9.34  | 83   | 323513   | 180.408 | ug/l    | 99       |
| 40) Benzene                 | 8.32  | 78   | 560353   | 151.427 | ug/l    | 98       |
| 52) Toluene                 | 10.39 | 92   | 418513   | 168.694 | ug/l    | 99       |
| 67) Ethyl Benzene           | 11.73 | 91   | 177212   | 35.975  | ug/l    | 100      |
| 68) m/p-Xylenes             | 11.84 | 106  | 188108   | 96.614  | ug/l    | 98       |
| 69) o-Xylene                | 12.17 | 106  | 64882    | 34.966  | ug/l    | 97       |
| 73) Isopropylbenzene        | 12.47 | 105  | 38991    | 8.040   | ug/l    | 100      |
| 78) n-propylbenzene         | 12.81 | 91   | 62571    | 11.090  | ug/l    | 99       |
| 80) 1,3,5-Trimethylbenzene  | 12.95 | 105  | 28971    | 7.086   | ug/l    | 98       |
| 84) 1,2,4-Trimethylbenzene  | 13.26 | 105  | 98813    | 23.885  | ug/l    | 98       |
| 85) sec-Butylbenzene        | 13.39 | 105  | 17140    | 3.317   | ug/l #  | 63       |
| 86) p-Isopropyltoluene      | 13.51 | 119  | 6677     | 1.429   | ug/l    | 96       |
| 95) Naphthalene             | 15.38 | 128  | 8664     | 3.210   | ug/l #  | 89       |

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

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