

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080219\  
 Data File : VD063315.D  
 Acq On : 2 Aug 2019 14:34  
 Operator : VA/AP  
 Sample : K4120-07  
 Misc : 4.58g/5ml/MSVOA D/SOIL  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 T3-1

Quant Time: Aug 04 04:15:19 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D072919S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jul 30 03:04:50 2019  
 Response via : Initial Calibration

| Internal Standards          | R.T.   | QIon | Response | Conc   | Units   | Dev(Min) |
|-----------------------------|--------|------|----------|--------|---------|----------|
| 1) Pentafluorobenzene       | 7.02   | 168  | 977008   | 50.00  | ug/l    | -0.01    |
| 34) 1,4-Difluorobenzene     | 8.19   | 114  | 1348551  | 50.00  | ug/l    | -0.01    |
| 63) Chlorobenzene-d5        | 12.36  | 117  | 1005909  | 50.00  | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 14.51  | 152  | 436937   | 50.00  | ug/l    | 0.00     |
| System Monitoring Compounds |        |      |          |        |         |          |
| 33) 1,2-Dichloroethane-d4   | 7.43   | 65   | 478710   | 44.16  | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =      | 88.32%  |          |
| 35) Dibromofluoromethane    | 6.90   | 113  | 594341   | 51.62  | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =      | 103.24% |          |
| 50) Toluene-d8              | 10.40  | 98   | 1171195  | 45.45  | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =      | 90.90%  |          |
| 62) 4-Bromofluorobenzene    | 13.55  | 95   | 458520   | 39.05  | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =      | 78.10%  |          |
| Target Compounds            |        |      |          |        |         |          |
|                             |        |      |          |        | Qvalue  |          |
| 16) Acetone                 | 3.20   | 43   | 69336    | 32.826 | ug/l    | 97       |
| 31) Cyclohexane             | 6.93   | 56   | 168787   | 17.479 | ug/l    | 90       |
| 39) Methylcyclohexane       | 8.84   | 83   | 20652    | 2.014  | ug/l #  | 93       |
| 40) Benzene                 | 7.43   | 78   | 737507   | 28.593 | ug/l    | 94       |
| 52) Toluene                 | 10.50  | 92   | 148428   | 8.652  | ug/l    | 89       |
| 67) Ethyl Benzene           | 12.51  | 91   | 461999   | 14.056 | ug/l    | 97       |
| 68) m/p-Xylenes             | 12.65  | 106  | 102917   | 8.538  | ug/l    | 92       |
| 69) o-Xylene                | 13.04  | 106  | 32817    | 2.965  | ug/l    | 89       |
| 84) 1,2,4-Trimethylbenzene  | 14.23  | 105  | 59595    | 2.436  | ug/l    | 98       |

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

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