

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091519\  
 Data File : VW013025.D  
 Acq On : 15 Sep 2019 06:36  
 Operator : SY/VA  
 Sample : K4850-04  
 Misc : 5.21G/5ML/MSVOA W/SOIL  
 ALS Vial : 48 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 AOC-7-(8)

Quant Time: Sep 16 09:05:12 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W091419S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Sep 13 17:26:01 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.95  | 168  | 23558    | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.84  | 114  | 32716    | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.63 | 117  | 21137    | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.55 | 152  | 4959     | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 8.31  | 65   | 12465    | 57.29 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 114.58% |          |
| 35) Dibromofluoromethane    | 7.88  | 113  | 10035    | 56.53 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 113.06% |          |
| 50) Toluene-d8              | 10.32 | 98   | 34253    | 49.31 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 98.62%  |          |
| 62) 4-Bromofluorobenzene    | 12.62 | 95   | 7289     | 29.18 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 58.36%  |          |

| Target Compounds           | R.T.  | QIon | Response | Conc   | Units  | Qvalue |
|----------------------------|-------|------|----------|--------|--------|--------|
| 16) Acetone                | 4.12  | 43   | 4954     | 92.627 | ug/l   | 99     |
| 17) Carbon Disulfide       | 4.38  | 76   | 12356    | 38.129 | ug/l   | 96     |
| 40) Benzene                | 8.32  | 78   | 8452     | 11.581 | ug/l # | 86     |
| 52) Toluene                | 10.39 | 92   | 5796     | 12.498 | ug/l   | 100    |
| 67) Ethyl Benzene          | 11.73 | 91   | 6576     | 9.457  | ug/l   | 99     |
| 68) m/p-Xylenes            | 11.83 | 106  | 3361     | 13.231 | ug/l   | 96     |
| 69) o-Xylene               | 12.17 | 106  | 1912     | 8.029  | ug/l   | 95     |
| 70) Styrene                | 12.18 | 104  | 34793    | 82.128 | ug/l   | 91     |
| 73) Isopropylbenzene       | 12.46 | 105  | 1216     | 3.699  | ug/l   | 91     |
| 80) 1,3,5-Trimethylbenzene | 12.94 | 105  | 1668     | 5.998  | ug/l   | 87     |
| 84) 1,2,4-Trimethylbenzene | 13.25 | 105  | 4041     | 14.706 | ug/l   | 94     |
| 95) Naphthalene            | 15.36 | 128  | 14318    | 91.150 | ug/l   | 99     |

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

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