

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092419\  
 Data File : VW013276.D  
 Acq On : 24 Sep 2019 15:12  
 Operator : SY/VA  
 Sample : K5008-02  
 Misc : 5.14G/5ML/MSVOA W/SOIL  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 SB-2

Manual Integrations  
 APPROVED

MMDadoda  
 9/26/2019 12:37:37 AM

Quant Time: Sep 25 07:57:08 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W092019S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Sep 20 15:58:08 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.94  | 168  | 360865   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.84  | 114  | 541653   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.63 | 117  | 434371   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 169257   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 8.30  | 65   | 148361   | 50.37 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 100.74% |          |
| 35) Dibromofluoromethane    | 7.88  | 113  | 148058   | 49.70 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 99.40%  |          |
| 50) Toluene-d8              | 10.32 | 98   | 640791   | 51.40 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 102.80% |          |
| 62) 4-Bromofluorobenzene    | 12.62 | 95   | 200638   | 47.11 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 94.22%  |          |

| Target Compounds           | R.T.  | QIon | Response | Conc    | Units  | Qvalue |
|----------------------------|-------|------|----------|---------|--------|--------|
| 16) Acetone                | 4.14  | 43   | 86882    | 130.812 | ug/l   | 96     |
| 17) Carbon Disulfide       | 4.36  | 76   | 11117    | 1.147   | ug/l # | 94     |
| 31) Cyclohexane            | 7.95  | 56   | 149421   | 23.406  | ug/l   | 96     |
| 39) Methylcyclohexane      | 9.33  | 83   | 291832   | 43.285  | ug/l   | 97     |
| 40) Benzene                | 8.32  | 78   | 29059    | 1.986   | ug/l   | 99     |
| 52) Toluene                | 10.38 | 92   | 13121    | 1.399   | ug/l   | 92     |
| 67) Ethyl Benzene          | 11.73 | 91   | 86248    | 5.248   | ug/l   | 99     |
| 68) m/p-Xylenes            | 11.83 | 106  | 47046    | 7.512   | ug/l   | 97     |
| 69) o-Xylene               | 12.16 | 106  | 33289    | 5.717   | ug/l   | 99     |
| 73) Isopropylbenzene       | 12.46 | 105  | 41080    | 3.286   | ug/l   | 94     |
| 78) n-propylbenzene        | 12.80 | 91   | 78059    | 5.334   | ug/l   | 98     |
| 80) 1,3,5-Trimethylbenzene | 12.94 | 105  | 17459    | 1.661   | ug/l   | 87     |
| 83) tert-Butylbenzene      | 13.21 | 119  | 23660    | 2.565   | ug/l   | 93     |
| 84) 1,2,4-Trimethylbenzene | 13.25 | 105  | 82148    | 7.855   | ug/l   | 100    |
| 85) sec-Butylbenzene       | 13.38 | 105  | 52170    | 4.102   | ug/l   | 81     |
| 86) p-Isopropyltoluene     | 13.50 | 119  | 48024    | 4.071   | ug/l   | 92     |
| 89) n-Butylbenzene         | 13.82 | 91   | 39958m   | 3.710   | ug/l   |        |

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

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