

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW053019\  
 Data File : VW010614.D  
 Acq On : 30 May 2019 15:03  
 Operator : SY/VA  
 Sample : K3097-03  
 Misc : 5.01G/5ML/MSVOA W/SOIL  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 0423-HR-3(HACKENSACK)

Quant Time: May 31 07:44:26 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W052019S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue May 21 06:38:43 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.95  | 168  | 3243     | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.84  | 114  | 5878     | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.63 | 117  | 4174     | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 729      | 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   | 1776     | 53.06  | ug/l    | 0.00     |
| Spiked Amount               |       |      |          | 50.000 |         |          |
|                             |       |      | Recovery | =      | 106.12% |          |
| 35) Dibromofluoromethane    | 7.88  | 113  | 1576     | 44.19  | ug/l    | 0.00     |
| Spiked Amount               |       |      |          | 50.000 |         |          |
|                             |       |      | Recovery | =      | 88.38%  |          |
| 50) Toluene-d8              | 10.32 | 98   | 6702     | 49.19  | ug/l    | 0.00     |
| Spiked Amount               |       |      |          | 50.000 |         |          |
|                             |       |      | Recovery | =      | 98.38%  |          |
| 62) 4-Bromofluorobenzene    | 12.62 | 95   | 1496     | 27.56  | ug/l    | 0.00     |
| Spiked Amount               |       |      |          | 50.000 |         |          |
|                             |       |      | Recovery | =      | 55.12%  |          |

| Target Compounds               | R.T.  | QIon | Response | Conc      | Units  | Qvalue |
|--------------------------------|-------|------|----------|-----------|--------|--------|
| 6) Chloroethane                | 2.91  | 64   | 61       | 2.408     | ug/l # | 43     |
| 16) Acetone                    | 4.12  | 43   | 72       | 10.538    | ug/l # | 41     |
| 20) Methylene Chloride         | 4.91  | 84   | 47       | Below Cal | #      | 10     |
| 36) 1,1-Dichloropropene        | 7.95  | 75   | 251      | 4.584     | ug/l # | 40     |
| 38) Carbon Tetrachloride       | 7.95  | 117  | 352      | 5.959     | ug/l # | 12     |
| 41) Methacrylonitrile          | 7.55  | 41   | 43       | 3.108     | ug/l # | 19     |
| 76) 1,2,3-Trichloropropane     | 12.62 | 75   | 766      | 103.516   | ug/l # | 1      |
| 81) trans-1,4-Dichloro-2-buten | 12.62 | 75   | 766      | 216.041   | ug/l # | 14     |
| 83) tert-Butylbenzene          | 13.21 | 119  | 46       | 1.075     | ug/l # | 26     |
| 84) 1,2,4-Trimethylbenzene     | 13.38 | 105  | 50       | 1.025     | ug/l # | 30     |
| 89) n-Butylbenzene             | 13.76 | 91   | 64       | 1.241     | ug/l # | 31     |
| 90) Hexachloroethane           | 14.21 | 117  | 100      | 9.530     | ug/l # | 15     |

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

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