

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111318\  
 Data File : VW006862.D  
 Acq On : 13 Nov 2018 18:35  
 Operator : SY/AP  
 Sample : J5895-03  
 Misc : 10.65G/5ML/MSVOA W/SOIL  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 SB-2

Manual Integrations  
 APPROVED

apatel  
 11/14/2018 4:37:18 PM

Quant Time: Nov 14 06:38:50 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W111218S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Nov 12 14:58:58 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) Pentafluorobenzene       | 7.95  | 168  | 349700   | 50.00  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.85  | 114  | 458883   | 50.00  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.63 | 117  | 445053   | 50.00  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.56 | 152  | 253535   | 50.00  | ug/l   | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.31  | 65   | 91534    | 35.81  | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 71.62% |          |
| 35) Dibromofluoromethane    | 7.89  | 113  | 96081    | 35.16  | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 70.32% |          |
| 50) Toluene-d8              | 10.33 | 98   | 401624   | 35.46  | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 70.92% |          |
| 62) 4-Bromofluorobenzene    | 12.62 | 95   | 157326   | 37.71  | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 75.42% |          |
| Target Compounds            |       |      |          |        |        |          |
|                             |       |      |          |        | Qvalue |          |
| 16) Acetone                 | 4.15  | 43   | 2688     | 7.322  | ug/l # | 82       |
| 20) Methylene Chloride      | 4.93  | 84   | 22236    | 1.623  | ug/l   | 95       |
| 39) Methylcyclohexane       | 9.34  | 83   | 27263    | 4.893  | ug/l   | 92       |
| 67) Ethyl Benzene           | 11.74 | 91   | 39595    | 2.352  | ug/l   | 98       |
| 68) m/p-Xylenes             | 11.85 | 106  | 13889    | 2.017  | ug/l   | 99       |
| 73) Isopropylbenzene        | 12.47 | 105  | 22345    | 1.270  | ug/l   | 98       |
| 78) n-propylbenzene         | 12.81 | 91   | 99613    | 4.796  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene  | 12.95 | 105  | 51447    | 3.401  | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene  | 13.26 | 105  | 184044   | 11.954 | ug/l   | 100      |
| 89) n-Butylbenzene          | 13.83 | 91   | 32785m   | 2.081  | ug/l   |          |
| 95) Naphthalene             | 15.38 | 128  | 57239    | 6.437  | ug/l   | 99       |

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

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