

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082018\  
 Data File : VW004789.D  
 Acq On : 20 Aug 2018 14:28  
 Operator : SY/AP  
 Sample : J4486-01RE  
 Misc : 7.85G/5ML/MSVOA W/SOIL  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VNJ202RE

Manual Integrations  
 APPROVED

apatel  
 8/21/2018 11:31:56 AM

Quant Time: Aug 20 15:27:13 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W081918S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Aug 18 01:49:53 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 1) Pentafluorobenzene       | 7.95  | 168  | 241290   | 50.00 | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.85  | 114  | 377277   | 50.00 | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.63 | 117  | 272921   | 50.00 | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.57 | 152  | 77072    | 50.00 | ug/l   | 0.00     |
| System Monitoring Compounds |       |      |          |       |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.31  | 65   | 113906   | 48.83 | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 97.66% |          |
| 35) Dibromofluoromethane    | 7.89  | 113  | 112725   | 46.75 | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 93.50% |          |
| 50) Toluene-d8              | 10.33 | 98   | 420309   | 44.65 | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 89.30% |          |
| 62) 4-Bromofluorobenzene    | 12.62 | 95   | 101512   | 29.98 | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 59.96% |          |
| Target Compounds            |       |      |          |       |        |          |
| 16) Acetone                 | 4.12  | 43   | 37768    | 63.42 | ug/l   | 98       |
| 17) Carbon Disulfide        | 4.38  | 76   | 8327m    | 1.02  | ug/l   |          |
| 20) Methylene Chloride      | 4.91  | 84   | 19034    | 2.94  | ug/l   | 96       |
| 39) Methylcyclohexane       | 9.34  | 83   | 23884    | 4.91  | ug/l   | 96       |
| 52) Toluene                 | 10.39 | 92   | 11124    | 1.64  | ug/l   | 99       |
| 69) o-Xylene                | 12.17 | 106  | 9828     | 2.74  | ug/l   | 94       |
| 73) Isopropylbenzene        | 12.47 | 105  | 11574m   | 2.21  | ug/l   |          |
| 80) 1,3,5-Trimethylbenzene  | 12.95 | 105  | 25722m   | 5.77  | ug/l   |          |
| 84) 1,2,4-Trimethylbenzene  | 13.26 | 105  | 24378    | 5.32  | ug/l   | 93       |
| 85) sec-Butylbenzene        | 13.39 | 105  | 12607m   | 2.22  | ug/l   |          |

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

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