

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071018\  
 Data File : VW003864.D  
 Acq On : 11 Jul 2018 10:24  
 Operator : SY/AP  
 Sample : J3828-05  
 Misc : 5.80G/5ML/MSVOA W/SOIL  
 ALS Vial : 51 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 EO-01-071018-C

Manual Integrations  
 APPROVED

apatel  
 7/11/2018 3:06:18 PM

Quant Time: Jul 11 13:27:42 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W070718S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Jul 07 05:07:25 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 1) Pentafluorobenzene       | 7.95  | 168  | 166586   | 50.00 | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.85  | 114  | 290214   | 50.00 | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 11.63 | 117  | 253045   | 50.00 | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.57 | 152  | 92211    | 50.00 | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |       |         |          |
| 33) 1,2-Dichloroethane-d4   | 8.31  | 65   | 117917   | 54.13 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 108.26% |          |
| 35) Dibromofluoromethane    | 7.88  | 113  | 99977    | 49.22 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 98.44%  |          |
| 50) Toluene-d8              | 10.33 | 98   | 343118   | 44.16 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 88.32%  |          |
| 62) 4-Bromofluorobenzene    | 12.62 | 95   | 103982   | 36.99 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 73.98%  |          |
| Target Compounds            |       |      |          |       |         |          |
| 16) Acetone                 | 4.12  | 43   | 17167    | 45.42 | ug/l #  | 89       |
| 20) Methylene Chloride      | 4.91  | 84   | 9902     | 1.09  | ug/l    | 93       |
| 80) 1,3,5-Trimethylbenzene  | 12.95 | 105  | 6216     | 1.15  | ug/l    | 100      |
| 84) 1,2,4-Trimethylbenzene  | 13.26 | 105  | 31552    | 5.64  | ug/l    | 98       |
| 89) n-Butylbenzene          | 13.83 | 91   | 6190m    | 1.08  | ug/l    |          |
| 95) Naphthalene             | 15.38 | 128  | 8792     | 2.57  | ug/l #  | 93       |

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

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