

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121118\  
 Data File : VX006415.D  
 Acq On : 11 Dec 2018 12:51  
 Operator : JC/MD  
 Sample : J6290-01  
 Misc : 4.99g/5mL/100uL/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 SOIL

Quant Time: Dec 11 13:46:40 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X112918W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Nov 30 03:55:33 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.   | QIon | Response | Conc   | Units   | Dev(Min) |
|-----------------------------|--------|------|----------|--------|---------|----------|
| 1) Pentafluorobenzene       | 5.66   | 168  | 773782   | 50.00  | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.86   | 114  | 1115570  | 50.00  | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 10.12  | 117  | 1023177  | 50.00  | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.08  | 152  | 570988   | 50.00  | ug/l    | 0.00     |
| System Monitoring Compounds |        |      |          |        |         |          |
| 33) 1,2-Dichloroethane-d4   | 6.06   | 65   | 355504   | 45.01  | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =      | 90.02%  |          |
| 35) Dibromofluoromethane    | 5.50   | 113  | 330738   | 45.79  | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =      | 91.58%  |          |
| 50) Toluene-d8              | 8.71   | 98   | 1280271  | 48.73  | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =      | 97.46%  |          |
| 62) 4-Bromofluorobenzene    | 11.14  | 95   | 507316   | 51.24  | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =      | 102.48% |          |
| Target Compounds            |        |      |          |        |         |          |
|                             |        |      |          |        | Qvalue  |          |
| 31) Cyclohexane             | 5.56   | 56   | 31907    | 2.796  | ug/l    | 95       |
| 39) Methylcyclohexane       | 7.46   | 83   | 126327   | 10.360 | ug/l    | 97       |
| 68) m/p-Xylenes             | 10.36  | 106  | 55085    | 3.807  | ug/l    | 98       |
| 84) 1,2,4-Trimethylbenzene  | 11.81  | 105  | 1140304  | 33.660 | ug/l    | 98       |
| 85) sec-Butylbenzene        | 11.94  | 105  | 54270    | 1.363  | ug/l    | 98       |
| 95) Naphthalene             | 13.83  | 128  | 222983   | 5.084  | ug/l #  | 94       |

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

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