

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111119\  
 Data File : VD064187.D  
 Acq On : 11 Nov 2019 19:39  
 Operator : VA/SY  
 Sample : K5777-06  
 Misc : 5.63G/5.00ml/MSVOA D/SOIL  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 AOC-7-NORTH-(10)

Manual Integrations  
 APPROVED

MMDadoda  
 11/12/2019 10:26:01 AM

Quant Time: Nov 12 03:46:45 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D110819S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Nov 12 02:43:24 2019  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc    | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|---------|---------|----------|
| 1) Pentafluorobenzene       | 7.98  | 168  | 706994   | 50.00   | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.87  | 114  | 1195304  | 50.00   | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 11.65 | 117  | 1167805  | 50.00   | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.58 | 152  | 610517   | 50.00   | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |         |         |          |
| 33) 1,2-Dichloroethane-d4   | 8.33  | 65   | 321360   | 55.27   | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =       | 110.54% |          |
| 35) Dibromofluoromethane    | 7.92  | 113  | 367222   | 53.52   | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =       | 107.04% |          |
| 50) Toluene-d8              | 10.34 | 98   | 1420413  | 54.88   | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =       | 109.76% |          |
| 62) 4-Bromofluorobenzene    | 12.64 | 95   | 527306   | 58.83   | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =       | 117.66% |          |
| Target Compounds            |       |      |          |         |         |          |
|                             |       |      |          |         | Qvalue  |          |
| 16) Acetone                 | 4.17  | 43   | 15718    | 11.411  | ug/l #  | 87       |
| 17) Carbon Disulfide        | 4.39  | 76   | 31656    | 1.711   | ug/l #  | 95       |
| 40) Benzene                 | 8.35  | 78   | 159639   | 5.295   | ug/l    | 99       |
| 52) Toluene                 | 10.41 | 92   | 34762    | 1.753   | ug/l    | 98       |
| 67) Ethyl Benzene           | 11.75 | 91   | 7859088  | 182.961 | ug/l    | 97       |
| 68) m/p-Xylenes             | 11.86 | 106  | 1269493  | 77.104  | ug/l    | 98       |
| 69) o-Xylene                | 12.18 | 106  | 710178   | 46.508  | ug/l    | 99       |
| 73) Isopropylbenzene        | 12.48 | 105  | 703038   | 15.689  | ug/l    | 100      |
| 78) n-propylbenzene         | 12.83 | 91   | 112319   | 2.194   | ug/l #  | 52       |
| 80) 1,3,5-Trimethylbenzene  | 12.97 | 105  | 356993   | 9.695   | ug/l    | 96       |
| 84) 1,2,4-Trimethylbenzene  | 13.27 | 105  | 902698   | 24.832  | ug/l    | 99       |
| 86) p-Isopropyltoluene      | 13.52 | 119  | 54411m   | 1.312   | ug/l    |          |
| 95) Naphthalene             | 15.41 | 128  | 6727781  | 311.043 | ug/l    | 100      |

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

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