

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD052219\  
 Data File : VD062512.D  
 Acq On : 22 May 2019 19:29  
 Operator : VA/AP  
 Sample : K2996-11  
 Misc : 6.72g/5ml/MSVOA D/SOIL  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 P-10(0.5-1.0)

Quant Time: May 23 04:43:51 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D052019S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue May 21 03:32:39 2019  
 Response via : Initial Calibration

| Internal Standards          | R.T.   | QIon | Response | Conc    | Units   | Dev(Min) |
|-----------------------------|--------|------|----------|---------|---------|----------|
| 1) Pentafluorobenzene       | 7.04   | 168  | 609867   | 50.00   | ug/l    | -0.02    |
| 34) 1,4-Difluorobenzene     | 8.21   | 114  | 871330   | 50.00   | ug/l    | -0.02    |
| 63) Chlorobenzene-d5        | 12.37  | 117  | 547310   | 50.00   | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 14.52  | 152  | 119525   | 50.00   | ug/l    | -0.02    |
| System Monitoring Compounds |        |      |          |         |         |          |
| 33) 1,2-Dichloroethane-d4   | 7.44   | 65   | 332854   | 50.99   | ug/l    | -0.02    |
| Spiked Amount               | 50.000 |      | Recovery | =       | 101.98% |          |
| 35) Dibromofluoromethane    | 6.91   | 113  | 364459   | 46.37   | ug/l    | -0.03    |
| Spiked Amount               | 50.000 |      | Recovery | =       | 92.74%  |          |
| 50) Toluene-d8              | 10.41  | 98   | 1193454  | 69.38   | ug/l    | -0.02    |
| Spiked Amount               | 50.000 |      | Recovery | =       | 138.76% |          |
| 62) 4-Bromofluorobenzene    | 13.55  | 95   | 505279   | 67.15   | ug/l    | -0.02    |
| Spiked Amount               | 50.000 |      | Recovery | =       | 134.30% |          |
| Target Compounds            |        |      |          |         |         |          |
|                             |        |      |          |         | Qvalue  |          |
| 31) Cyclohexane             | 6.99   | 56   | 4934851  | 800.600 | ug/l #  | 44       |
| 39) Methylcyclohexane       | 8.87   | 83   | 5636692  | 820.359 | ug/l #  | 86       |
| 52) Toluene                 | 10.50  | 92   | 125513   | 11.220  | ug/l    | 97       |
| 67) Ethyl Benzene           | 12.53  | 91   | 531011   | 29.291  | ug/l    | 95       |
| 68) m/p-Xylenes             | 12.68  | 106  | 144089   | 22.142  | ug/l #  | 64       |
| 73) Isopropylbenzene        | 13.41  | 105  | 2692096  | 357.321 | ug/l    | 96       |
| 78) n-propylbenzene         | 13.78  | 91   | 3088973  | 353.955 | ug/l    | 99       |
| 80) 1,3,5-Trimethylbenzene  | 13.94  | 105  | 200074   | 30.670  | ug/l    | 99       |
| 84) 1,2,4-Trimethylbenzene  | 14.24  | 105  | 79520    | 11.896  | ug/l    | 92       |
| 85) sec-Butylbenzene        | 14.37  | 105  | 643280   | 85.258  | ug/l    | 84       |
| 86) p-Isopropyltoluene      | 14.50  | 119  | 235517   | 34.445  | ug/l #  | 36       |
| 89) n-Butylbenzene          | 14.80  | 91   | 1387889  | 210.324 | ug/l    | 86       |
| 95) Naphthalene             | 16.12  | 128  | 137771   | 39.900  | ug/l    | 100      |

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

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