

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY020320\  
 Data File : VY001478.D  
 Acq On : 03 Feb 2020 17:13  
 Operator : SY/MD  
 Sample : L1383-09  
 Misc : 4.42G/5ML/MSVOA Y/SOIL  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 TP-C

Manual Integrations  
 APPROVED

MMDadoda  
 2/4/2020 11:21:57 AM

Quant Time: Feb 04 07:39:23 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y012120S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jan 23 01:21:47 2020  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|--------|---------|----------|
| 1) Pentafluorobenzene       | 7.81  | 168  | 155230   | 50.00  | ug/l    | -0.01    |
| 34) 1,4-Difluorobenzene     | 8.71  | 114  | 277921   | 50.00  | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 11.50 | 117  | 230128   | 50.00  | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.43 | 152  | 85269    | 50.00  | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |        |         |          |
| 33) 1,2-Dichloroethane-d4   | 8.16  | 65   | 83445    | 49.40  | ug/l    | -0.01    |
| Spiked Amount 50.000        |       |      | Recovery | =      | 98.80%  |          |
| 35) Dibromofluoromethane    | 7.74  | 113  | 81631    | 50.04  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 100.08% |          |
| 50) Toluene-d8              | 10.19 | 98   | 320631   | 50.59  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 101.18% |          |
| 62) 4-Bromofluorobenzene    | 12.49 | 95   | 106552   | 42.22  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 84.44%  |          |
| Target Compounds            |       |      |          |        |         |          |
| 52) Toluene                 | 10.25 | 92   | 7142     | 1.431  | ug/l    | 95       |
| 67) Ethyl Benzene           | 11.60 | 91   | 9502     | 1.063  | ug/l    | 96       |
| 68) m/p-Xylenes             | 11.70 | 106  | 12610    | 3.777  | ug/l    | 97       |
| 69) o-Xylene                | 12.03 | 106  | 3578     | 1.114  | ug/l    | 84       |
| 78) n-propylbenzene         | 12.67 | 91   | 20177    | 2.491  | ug/l    | 98       |
| 80) 1,3,5-Trimethylbenzene  | 12.81 | 105  | 14862    | 2.646  | ug/l    | 100      |
| 84) 1,2,4-Trimethylbenzene  | 13.12 | 105  | 55946    | 9.922  | ug/l    | 99       |
| 89) n-Butylbenzene          | 13.70 | 91   | 9857m    | 1.652  | ug/l    |          |
| 95) Naphthalene             | 15.24 | 128  | 47848    | 11.779 | ug/l    | 94       |

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

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