

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY062220\  
 Data File : VY002982.D  
 Acq On : 22 Jun 2020 18:33  
 Operator : SY/MD  
 Sample : L3082-01  
 Misc : 3.69G/5ML/MSVOA Y/SOIL  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 SB-1

Manual Integrations  
 APPROVED

MMDadoda  
 6/23/2020 8:13:53 PM

Quant Time: Jun 23 09:39:36 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y061920S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Jun 20 06:39:15 2020  
 Response via : Initial Calibration

| Internal Standards          | R.T.   | QIon | Response | Conc    | Units   | Dev(Min) |
|-----------------------------|--------|------|----------|---------|---------|----------|
| 1) Pentafluorobenzene       | 7.80   | 168  | 313492   | 50.00   | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.69   | 114  | 474054   | 50.00   | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 11.49  | 117  | 455608   | 50.00   | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.42  | 152  | 237580   | 50.00   | ug/l    | 0.00     |
| System Monitoring Compounds |        |      |          |         |         |          |
| 33) 1,2-Dichloroethane-d4   | 8.15   | 65   | 149438   | 57.71   | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =       | 115.42% |          |
| 35) Dibromofluoromethane    | 7.72   | 113  | 142999   | 53.31   | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =       | 106.62% |          |
| 50) Toluene-d8              | 10.18  | 98   | 542635   | 51.31   | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =       | 102.62% |          |
| 62) 4-Bromofluorobenzene    | 12.48  | 95   | 201956   | 55.05   | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =       | 110.10% |          |
| Target Compounds            |        |      |          |         |         |          |
|                             |        |      |          |         | Qvalue  |          |
| 16) Acetone                 | 3.95   | 43   | 14499    | 22.608  | ug/l #  | 56       |
| 31) Cyclohexane             | 7.78   | 56   | 29419    | 6.617   | ug/l #  | 83       |
| 39) Methylcyclohexane       | 9.18   | 83   | 31257    | 6.159   | ug/l #  | 85       |
| 52) Toluene                 | 10.24  | 92   | 618567   | 83.386  | ug/l    | 97       |
| 67) Ethyl Benzene           | 11.59  | 91   | 759728   | 51.071  | ug/l    | 98       |
| 68) m/p-Xylenes             | 11.70  | 106  | 1341157  | 232.009 | ug/l    | 97       |
| 69) o-Xylene                | 12.03  | 106  | 507129   | 93.069  | ug/l    | 100      |
| 70) Styrene                 | 12.03  | 104  | 26371    | 2.801   | ug/l #  | 1        |
| 73) Isopropylbenzene        | 12.33  | 105  | 394922   | 27.122  | ug/l    | 99       |
| 78) n-propylbenzene         | 12.67  | 91   | 906995   | 53.691  | ug/l    | 97       |
| 80) 1,3,5-Trimethylbenzene  | 12.81  | 105  | 913187   | 75.231  | ug/l    | 99       |
| 84) 1,2,4-Trimethylbenzene  | 13.12  | 105  | 3346412  | 273.973 | ug/l    | 98       |
| 85) sec-Butylbenzene        | 13.25  | 105  | 62207m   | 4.206   | ug/l    |          |
| 86) p-Isopropyltoluene      | 13.37  | 119  | 25973m   | 1.872   | ug/l    |          |
| 89) n-Butylbenzene          | 13.69  | 91   | 114700   | 9.146   | ug/l #  | 67       |
| 95) Naphthalene             | 15.23  | 128  | 847463   | 86.641  | ug/l    | 100      |

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

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