

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY011520\  
 Data File : VY001231.D  
 Acq On : 15 Jan 2020 20:06  
 Operator : SY/MD  
 Sample : L1123-05  
 Misc : 5.09G/5ML/MSVOA Y/SOIL  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 SB-03-5.5-6.0

Manual Integrations  
 APPROVED

MMDadoda  
 1/16/2020 9:36:26 AM

Quant Time: Jan 16 06:27:29 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y011020S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jan 10 16:01:58 2020  
 Response via : Initial Calibration

| Internal Standards          | R.T.   | QIon | Response | Conc   | Units   | Dev(Min) |
|-----------------------------|--------|------|----------|--------|---------|----------|
| 1) Pentafluorobenzene       | 7.80   | 168  | 166893   | 50.00  | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.70   | 114  | 296748   | 50.00  | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 11.49  | 117  | 279793   | 50.00  | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.42  | 152  | 133673   | 50.00  | ug/l    | 0.00     |
| System Monitoring Compounds |        |      |          |        |         |          |
| 33) 1,2-Dichloroethane-d4   | 8.15   | 65   | 96571    | 54.79  | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =      | 109.58% |          |
| 35) Dibromofluoromethane    | 7.73   | 113  | 87808    | 50.54  | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =      | 101.08% |          |
| 50) Toluene-d8              | 10.18  | 98   | 365331   | 54.57  | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =      | 109.14% |          |
| 62) 4-Bromofluorobenzene    | 12.48  | 95   | 139946   | 51.13  | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =      | 102.26% |          |
| Target Compounds            |        |      |          |        |         |          |
| 16) Acetone                 | 3.97   | 43   | 5428     | 13.259 | ug/l    | 96       |
| 25) 2-Butanone              | 7.00   | 43   | 5381     | 8.446  | ug/l #  | 75       |
| 31) Cyclohexane             | 7.79   | 56   | 12903m   | 3.785  | ug/l    |          |
| 73) Isopropylbenzene        | 12.33  | 105  | 83675    | 8.327  | ug/l    | 100      |
| 78) n-propylbenzene         | 12.67  | 91   | 372187   | 30.791 | ug/l    | 99       |
| 85) sec-Butylbenzene        | 13.25  | 105  | 124573   | 12.291 | ug/l #  | 52       |
| 89) n-Butylbenzene          | 13.69  | 91   | 150811   | 17.015 | ug/l #  | 84       |

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

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