

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050820\  
 Data File : VY002640.D  
 Acq On : 08 May 2020 14:15  
 Operator : SY/MD  
 Sample : L2495-01  
 Misc : 7.05G/5ML/MSVOA Y/SOIL  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 HR-05-050720

Manual Integrations  
 APPROVED

MMDadoda  
 5/11/2020 1:00:53 PM

Quant Time: May 11 01:53:18 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y043020S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon May 04 12:22:08 2020  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|--------|---------|----------|
| 1) Pentafluorobenzene       | 7.81  | 168  | 320153   | 50.00  | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.71  | 114  | 493766   | 50.00  | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 11.50 | 117  | 425734   | 50.00  | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.43 | 152  | 184580   | 50.00  | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |        |         |          |
| 33) 1,2-Dichloroethane-d4   | 8.16  | 65   | 138390   | 51.41  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 102.82% |          |
| 35) Dibromofluoromethane    | 7.74  | 113  | 147023   | 52.06  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 104.12% |          |
| 50) Toluene-d8              | 10.19 | 98   | 570241   | 51.71  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 103.42% |          |
| 62) 4-Bromofluorobenzene    | 12.49 | 95   | 173623   | 46.40  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 92.80%  |          |
| Target Compounds            |       |      |          |        |         |          |
|                             |       |      |          |        | Qvalue  |          |
| 16) Acetone                 | 3.97  | 43   | 9432     | 16.978 | ug/l    | 97       |
| 52) Toluene                 | 10.25 | 92   | 128525   | 16.728 | ug/l    | 99       |
| 67) Ethyl Benzene           | 11.60 | 91   | 33942    | 2.388  | ug/l    | 98       |
| 68) m/p-Xylenes             | 11.71 | 106  | 59911    | 10.892 | ug/l    | 99       |
| 69) o-Xylene                | 12.03 | 106  | 26192    | 5.086  | ug/l    | 96       |
| 78) n-propylbenzene         | 12.67 | 91   | 29192    | 2.103  | ug/l    | 99       |
| 80) 1,3,5-Trimethylbenzene  | 12.81 | 105  | 55532    | 5.600  | ug/l    | 99       |
| 84) 1,2,4-Trimethylbenzene  | 13.13 | 105  | 185798   | 18.801 | ug/l    | 99       |
| 85) sec-Butylbenzene        | 13.25 | 105  | 14333    | 1.188  | ug/l    | 88       |
| 89) n-Butylbenzene          | 13.70 | 91   | 22114m   | 2.149  | ug/l    |          |
| 95) Naphthalene             | 15.25 | 128  | 17288    | 2.586  | ug/l #  | 93       |

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

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