

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082019\  
 Data File : VV012312.D  
 Acq On : 20 Aug 2019 15:06  
 Operator : SY/MD  
 Sample : K4373-11DL 10X  
 Misc : 25mL/MSVOA V/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0AB2DL

Quant Time: Aug 21 08:20:29 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR081919WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Wed Aug 21 01:13:54 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 135841   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.89  | 117  | 126998   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.29 | 152  | 72325    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 25486    | 3.67     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 73.40%  |
| 7) Chloroethane-d5             | 1.58   | 69    | 20832    | 4.11     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 82.20%  |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 44260    | 3.36     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 67.20%  |
| 20) 2-Butanone-d5              | 3.94   | 46    | 16542    | 8.84     | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 17.68%# |
| 24) Chloroform-d               | 4.40   | 84    | 76243    | 4.06     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 81.20%  |
| 26) 1,2-Dichloroethane-d4      | 5.08   | 65    | 47052    | 4.87     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 97.40%  |
| 32) Benzene-d6                 | 5.10   | 84    | 172278   | 5.13     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 102.60% |
| 36) 1,2-Dichloropropane-d6     | 6.12   | 67    | 45759    | 4.82     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 96.40%  |
| 41) Toluene-d8                 | 7.36   | 98    | 168115   | 5.37     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 107.40% |
| 43) trans-1,3-Dichloropropene- | 7.66   | 79    | 21017    | 5.15     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 103.00% |
| 46) 2-Hexanone-d5              | 8.13   | 63    | 66131    | 51.37    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 102.74% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.26  | 84    | 34381    | 4.76     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 95.20%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.67  | 152   | 73227    | 5.03     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 100.60% |

## Target Compounds

|                      |      |     |        |        | Ovalue   |
|----------------------|------|-----|--------|--------|----------|
| 33) Benzene          | 5.14 | 78  | 280586 | 7.987  | ug/L 100 |
| 42) Toluene          | 7.43 | 91  | 337959 | 8.692  | ug/L 99  |
| 52) Ethylbenzene     | 9.05 | 91  | 552672 | 12.704 | ug/L 98  |
| 53) m,p-xylene       | 9.18 | 106 | 200609 | 11.812 | ug/L 95  |
| 54) o-xylene         | 9.59 | 106 | 97775  | 5.986  | ug/L 100 |
| 56) Isopropylbenzene | 9.97 | 105 | 143241 | 3.177  | ug/L 99  |

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

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