

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111419\  
 Data File : VN059224.D  
 Acq On : 14 Nov 2019 11:41  
 Operator : JC/SP  
 Sample : K5814-10DL 10X  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 30535DL

Quant Time: Nov 15 06:54:06 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N110619W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Nov 07 04:00:41 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.64  | 168  | 416889   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.57  | 114  | 645788   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.40 | 117  | 570464   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.35 | 152  | 205356   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 8.01   | 65  | 266793   | 52.06 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 104.12% |      |
| 35) Dibromofluoromethane  | 7.57   | 113 | 207874   | 53.91 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 107.82% |      |
| 50) Toluene-d8            | 10.08  | 98  | 801602   | 52.78 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 105.56% |      |
| 62) 4-Bromofluorobenzene  | 12.40  | 95  | 254095   | 46.40 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 92.80%  |      |

## Target Compounds

|                             |       |     |        |         |        | Qvalue |
|-----------------------------|-------|-----|--------|---------|--------|--------|
| 11) Tert butyl alcohol      | 4.76  | 59  | 54341  | 55.640  | ug/l # | 88     |
| 16) Acetone                 | 3.79  | 43  | 736573 | 276.397 | ug/l   | 99     |
| 19) Methyl tert-butyl Ether | 5.02  | 73  | 26161  | 1.954   | ug/l   | 99     |
| 22) Diisopropyl ether       | 5.93  | 45  | 7431   | 0.492   | ug/l # | 90     |
| 25) 2-Butanone              | 6.82  | 43  | 21303  | 6.065   | ug/l   | 98     |
| 40) Benzene                 | 8.02  | 78  | 138842 | 7.638   | ug/l   | 100    |
| 51) 4-Methyl-2-Pentanone    | 9.98  | 43  | 19351  | 3.195   | ug/l   | 95     |
| 52) Toluene                 | 10.15 | 92  | 604217 | 55.459  | ug/l   | 99     |
| 59) 2-Hexanone              | 10.75 | 43  | 14611  | 3.143   | ug/l   | 87     |
| 67) Ethyl Benzene           | 11.51 | 91  | 45367  | 2.299   | ug/l   | 98     |
| 68) m/p-Xylenes             | 11.62 | 106 | 33455  | 4.527   | ug/l   | 95     |
| 69) o-Xylene                | 11.95 | 106 | 89388  | 12.515  | ug/l   | 99     |
| 80) 1,3,5-Trimethylbenzene  | 12.73 | 105 | 12207  | 0.964   | ug/l   | 98     |
| 84) 1,2,4-Trimethylbenzene  | 13.04 | 105 | 7101   | 0.580   | ug/l   | 98     |
| 95) Naphthalene             | 15.13 | 128 | 10385  | 3.961   | ug/l   | 97     |

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

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