Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121319\
Data File : VW014353.D
Acq On : 13 Dec 2019 16:48
Operator : SY/VA
Sample : K6270-04
Misc : 5.91G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETK82

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Quant Time: Dec 17 02:20:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis
QLast Update : Sat Dec 14 04:28:18 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 8.84 | 114 | 39730 | 25.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 11.63 | 117 | 21200 | 25.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 13.57 | 152 | 2002m | 25.00 | ug/L | 0.01 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 2.34 | 65 | 18379 | 30.55 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 122.20% | | | |
| 7) Chloroethane-d5 | 2.89 | 69 | 17904 | 40.02 | ug/L | 0.01 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 160.08%# | | | |
| 10) 1,1-Dichloroethene-d2 | 4.03 | 63 | 22874 | 21.53 | ug/L | 0.01 |
| Spiked Amount 25.000 | Range 45 - 110 | | Recovery = 86.12% | | | |
| 20) 2-Butanone-d5 | 7.08 | 46 | 7901m | 50.40 | ug/L | 0.01 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 100.80% | | | |
| 24) Chloroform-d | 7.64 | 84 | 32722 | 32.35 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 40 - 150 | | Recovery = 129.40% | | | |
| 26) 1,2-Dichloroethane-d4 | 8.31 | 65 | 17592 | 33.17 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 130 | | Recovery = 132.68%# | | | |
| 29) Benzene-d6 | 8.27 | 84 | 57001 | 45.88 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 20 - 135 | | Recovery = 183.52%# | | | |
| 33) 1,2-Dichloropropane-d6 | 9.27 | 67 | 19035 | 49.80 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 120 | | Recovery = 199.20%# | | | |
| 37) Toluene-d8 | 10.32 | 98 | 31821 | 28.32 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 130 | | Recovery = 113.28% | | | |
| 38) trans-1,3-Dichloropropene- | 10.58 | 79 | 5353 | 33.38 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 135 | | Recovery = 133.52% | | | |
| 39) 2-Hexanone-d5 | 10.93 | 63 | 2662m | 35.02 | ug/L | 0.01 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 70.04% | | | |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69 | 84 | 10873 | 34.91 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 120 | | Recovery = 139.64%# | | | |
| 61) 1,2-Dichlorobenzene-d4 | 13.86 | 152 | 1807 | 23.62 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 75 - 120 | | Recovery = 94.48% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 13) Acetone | 4.13 | 43 | 2865 | 18.954 | ug/L | 96 |
| 16) Methylene chloride | 4.92 | 84 | 1343m | 2.205 | ug/L | |
| 30) Cyclohexane | 7.96 | 56 | 2689m | 5.082 | ug/L | |
| 34) Benzene | 8.32 | 78 | 5864 | 4.369 | ug/L | 100 |
| 36) Methylcyclohexane | 9.34 | 83 | 2524m | 4.373 | ug/L | |
| 44) Toluene | 10.38 | 91 | 11323 | 8.046 | ug/L | 93 |
| 47) Tetrachloroethene | 10.85 | 164 | 966 | 3.375 | ug/L # | 54 |
| 53) Ethylbenzene | 11.73 | 91 | 2632 | 1.724 | ug/L # | 82 |
| 54) m,p-Xylene | 11.83 | 106 | 1392m | 2.370 | ug/L | |
| 55) o-xylene | 12.16 | 106 | 575m | 1.032 | ug/L | |

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

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