Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121719\
Data File : VW014387.D
Acq On : 17 Dec 2019 12:51
Operator : SY/VA
Sample : K6270-13MS
Misc : 4.92G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : ETK88MS

Quant Time: Dec 18 01:57:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 18 01:35:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1236648	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1117532	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	514193	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	358112	19.12	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 76.48%			
7) Chloroethane-d5	2.89	69	300109	21.55	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 86.20%			
10) 1,1-Dichloroethene-d2	4.02	63	701964	21.22	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 84.88%			
20) 2-Butanone-d5	7.07	46	226649	46.45	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 92.90%			
24) Chloroform-d	7.64	84	765027	24.30	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 97.20%			
26) 1,2-Dichloroethane-d4	8.31	65	414358	25.10	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.40%			
29) Benzene-d6	8.27	84	1594607	24.35	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 97.40%			
33) 1,2-Dichloropropane-d6	9.27	67	506938	25.16	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 100.64%			
37) Toluene-d8	10.32	98	1408568	23.78	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 95.12%			
38) trans-1,3-Dichloropropene-	10.57	79	198815	23.52	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 94.08%			
39) 2-Hexanone-d5	10.92	63	190199	47.47	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 94.94%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	395259	24.07	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 96.28%			
61) 1,2-Dichlorobenzene-d4	13.85	152	492799	25.08	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 100.32%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.04	96	314016	19.015	ug/L	83
13) Acetone	4.12	43	19123	4.064	ug/L	91
30) Cyclohexane	7.95	56	30310	1.087	ug/L #	80
34) Benzene	8.32	78	1632464	23.071	ug/L	100
35) Trichloroethene	9.09	95	371479	20.519	ug/L	94
36) Methylcyclohexane	9.33	83	51876	1.705	ug/L #	85
44) Toluene	10.38	91	1911643	25.769	ug/L	98
52) Chlorobenzene	11.65	112	986659	20.579	ug/L	93
53) Ethylbenzene	11.73	91	120617	1.498	ug/L	98
54) m,p-Xylene	11.84	106	70090	2.264	ug/L	92
55) o-xylene	12.16	106	29053	0.989	ug/L	100

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

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