Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101819\
Data File : VW013623.D
Acq On : 18 Oct 2019 17:32
Operator : SY/VA
Sample : K5308-06
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : X2J24

Quant Time: Oct 22 08:50:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
Quant Title : VOC Analysis
QLast Update : Fri Oct 18 13:08:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	310912	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	302881	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	178206	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.36	65	104383	27.36	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 109.44%			
7) Chloroethane-d5	2.89	69	93836	26.35	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 105.40%			
10) 1,1-Dichloroethene-d2	4.03	63	212790	25.26	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 101.04%			
20) 2-Butanone-d5	7.08	46	79280	58.11	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 116.22%			
24) Chloroform-d	7.65	84	228142	26.22	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 104.88%			
26) 1,2-Dichloroethane-d4	8.31	65	123952	27.25	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 109.00%			
29) Benzene-d6	8.27	84	492377	27.06	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 108.24%			
33) 1,2-Dichloropropane-d6	9.27	67	150548	27.70	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 110.80%			
37) Toluene-d8	10.32	98	452337	26.95	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 107.80%			
38) trans-1,3-Dichloropropene-	10.58	79	66074	26.95	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 107.80%			
39) 2-Hexanone-d5	10.92	63	64203	61.80	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 123.60%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	128282	28.82	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 115.28%			
61) 1,2-Dichlorobenzene-d4	13.85	152	174677	27.74	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 110.96%			
Target Compounds						Qvalue
3) Chloromethane	2.21	50	63987	16.903	ug/L	98
6) Bromomethane	2.78	94	28391	8.306	ug/L	100
9) Trichlorofluoromethane	3.26	101	51905	16.279	ug/L	97
12) 1,1-Dichloroethene	4.04	96	103562	20.959	ug/L	90
13) Acetone	4.13	43	89314	58.982	ug/L	95
15) Methyl Acetate	4.67	43	98341	39.746	ug/L	98
16) Methylene chloride	4.92	84	60762	10.206	ug/L	96
17) Methyl tert-butyl Ether	5.43	73	231114	33.804	ug/L	100
18) trans-1,2-Dichloroethene	5.42	96	53144	9.729	ug/L	94
22) cis-1,2-Dichloroethene	7.17	96	147908	25.227	ug/L	100
23) Bromochloromethane	7.51	128	40445	15.262	ug/L	99
27) 1,2-Dichloroethane	8.40	62	60683	10.194	ug/L	95
30) Cyclohexane	7.96	56	82543	9.302	ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	77546	10.977	ug/L	98
32) Carbon tetrachloride	8.07	117	88686	12.892	ug/L	99
35) Trichloroethene	9.09	95	225819	40.500	ug/L	99
36) Methylcyclohexane	9.34	83	233591	23.768	ug/L	99

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40) 1,2-Dichloropropane	9.37	63	69797	13.135	ug/L		100
41) Bromodichloromethane	9.64	83	138597	21.287	ug/L		98
42) cis-1,3-Dichloropropene	10.07	75	146656	17.481	ug/L		98
44) Toluene	10.39	91	481830	20.636	ug/L		99
45) trans-1,3-Dichloropropene	10.60	75	59482	8.784	ug/L		95
47) Tetrachloroethene	10.86	164	202003	39.578	ug/L		98
49) 2-Hexanone	10.97	43	96317	37.449	ug/L		94
50) Dibromochloromethane	11.13	129	100772	20.836	ug/L		96
53) Ethylbenzene	11.73	91	406557	15.759	ug/L		99
54) m,p-Xylene	11.84	106	103756	10.408	ug/L		99
55) o-xylene	12.16	106	122953	12.997	ug/L		100
57) Isopropylbenzene	12.46	105	343665	13.543	ug/L		99
63) 1,3-Dichlorobenzene	13.50	146	260423	21.537	ug/L		98
65) 1,2-Dichlorobenzene	13.87	146	119598	10.916	ug/L		99
66) 1,2-Dibromo-3-chloropropan	14.49	75	15666	20.803	ug/L	#	89

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

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