Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW080119\
Data File : VW011594.D
Acq On : 01 Aug 2019 12:16
Operator : SY/VA
Sample : K4001-01
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DB909

Quant Time: Aug 02 05:05:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 02 04:30:25 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	344345	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	302438	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	145374	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	108091	22.29	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 89.16%			
7) Chloroethane-d5	2.89	69	78586	22.50	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 90.00%			
10) 1,1-Dichloroethene-d2	4.02	63	242817	21.84	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 87.36%			
20) 2-Butanone-d5	7.07	46	117324	53.74	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 107.48%			
24) Chloroform-d	7.65	84	205415	21.72	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 86.88%			
26) 1,2-Dichloroethane-d4	8.31	65	129700	23.17	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 92.68%			
29) Benzene-d6	8.27	84	436969	22.98	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 91.92%			
33) 1,2-Dichloropropane-d6	9.27	67	140628	22.91	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 91.64%			
37) Toluene-d8	10.32	98	382442	22.66	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 90.64%			
38) trans-1,3-Dichloropropene-	10.58	79	61134	22.72	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 90.88%			
39) 2-Hexanone-d5	10.93	63	76307	53.21	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 106.42%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	123628	24.25	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 97.00%			
61) 1,2-Dichlorobenzene-d4	13.85	152	126889	22.65	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 90.60%			
Target Compounds						Qvalue
3) Chloromethane	2.21	50	90891	18.106	ug/L	99
6) Bromomethane	2.78	94	25067	8.302	ug/L	97
9) Trichlorofluoromethane	3.26	101	45173	13.846	ug/L	99
12) 1,1-Dichloroethene	4.04	96	99356	20.089	ug/L	86
13) Acetone	4.12	43	180821	77.330	ug/L	98
15) Methyl Acetate	4.67	43	151032	39.505	ug/L	100
16) Methylene chloride	4.92	84	54405	10.124	ug/L	95
17) Methyl tert-butyl Ether	5.42	73	236442	28.708	ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	50474	9.878	ug/L	96
22) cis-1,2-Dichloroethene	7.17	96	125600	23.495	ug/L	96
23) Bromochloromethane	7.52	128	32132	14.127	ug/L	92
27) 1,2-Dichloroethane	8.40	62	65769	9.443	ug/L	97
30) Cyclohexane	7.96	56	99008	9.418	ug/L	98
31) 1,1,1-Trichloroethane	7.87	97	70795	9.607	ug/L	99
32) Carbon tetrachloride	8.07	117	80267	11.578	ug/L	99
35) Trichloroethene	9.09	95	201960	37.536	ug/L	100
36) Methylcyclohexane	9.34	83	231629	23.730	ug/L	99

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Quant Title : VOC Analysis
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
40) 1,2-Dichloropropane	9.37	63	68744	12.151 ug/L	99
41) Bromodichloromethane	9.65	83	123515	18.502 ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	133192	15.740 ug/L	99
44) Toluene	10.39	91	412513	19.158 ug/L	98
45) trans-1,3-Dichloropropene	10.60	75	55638	7.903 ug/L	99
47) Tetrachloroethene	10.86	164	152429	37.090 ug/L	95
49) 2-Hexanone	10.97	43	168795	42.743 ug/L	99
50) Dibromochloromethane	11.13	129	78834	18.543 ug/L	97
53) Ethylbenzene	11.73	91	341590	14.225 ug/L	99
54) m,p-Xylene	11.85	106	82834	9.487 ug/L	99
55) o-xylene	12.16	106	95239	11.590 ug/L	97
57) Isopropylbenzene	12.46	105	265883	11.761 ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	181724	18.418 ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	84355	9.441 ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	18219	19.702 ug/L	96

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

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