Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW080119\
Data File : VW011592.D
Acq On : 01 Aug 2019 10:35
Operator : SY/VA
Sample : K4070-21
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DB9D5

Quant Time: Aug 02 04:53:12 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	347141	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	306481	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	148597	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	115962	23.72	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 94.88%			
7) Chloroethane-d5	2.89	69	85378	24.25	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 97.00%			
10) 1,1-Dichloroethene-d2	4.01	63	259047	23.12	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 92.48%			
20) 2-Butanone-d5	7.07	46	123008	55.89	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 111.78%			
24) Chloroform-d	7.65	84	225148	23.62	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 94.48%			
26) 1,2-Dichloroethane-d4	8.31	65	141954	25.16	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.64%			
29) Benzene-d6	8.27	84	470530	24.41	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 97.64%			
33) 1,2-Dichloropropane-d6	9.27	67	154234	24.79	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 99.16%			
37) Toluene-d8	10.32	98	419100	24.50	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 98.00%			
38) trans-1,3-Dichloropropene-	10.58	79	67912	24.91	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 99.64%			
39) 2-Hexanone-d5	10.92	63	80412	55.33	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 110.66%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	131919	25.53	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 102.12%			
61) 1,2-Dichlorobenzene-d4	13.85	152	141322	24.68	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 98.72%			
Target Compounds						Qvalue
3) Chloromethane	2.21	50	87814	17.353	ug/L	98
6) Bromomethane	2.78	94	26046	8.557	ug/L	98
9) Trichlorofluoromethane	3.25	101	41044	12.479	ug/L	98
12) 1,1-Dichloroethene	4.04	96	98837	19.824	ug/L	82
13) Acetone	4.11	43	183967	78.042	ug/L	98
15) Methyl Acetate	4.66	43	147166	38.183	ug/L	100
16) Methylene chloride	4.92	84	54139	9.994	ug/L	94
17) Methyl tert-butyl Ether	5.42	73	240442	28.959	ug/L	100
18) trans-1,2-Dichloroethene	5.42	96	50358	9.776	ug/L	98
22) cis-1,2-Dichloroethene	7.17	96	128924	23.923	ug/L	98
23) Bromochloromethane	7.51	128	32263	14.070	ug/L	96
27) 1,2-Dichloroethane	8.40	62	67436	9.604	ug/L	99
30) Cyclohexane	7.95	56	101926	9.567	ug/L	98
31) 1,1,1-Trichloroethane	7.87	97	73188	9.800	ug/L	98
32) Carbon tetrachloride	8.07	117	83103	11.829	ug/L	100
35) Trichloroethene	9.09	95	206454	37.865	ug/L	100
36) Methylcyclohexane	9.34	83	237078	23.968	ug/L	99

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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)
40) 1,2-Dichloropropane	9.37	63	70225	12.249 ug/L	100
41) Bromodichloromethane	9.64	83	125637	18.571 ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	139449	16.262 ug/L	97
44) Toluene	10.38	91	422935	19.383 ug/L	98
45) trans-1,3-Dichloropropene	10.60	75	57914	8.117 ug/L	96
47) Tetrachloroethene	10.86	164	159246	38.237 ug/L	93
49) 2-Hexanone	10.97	43	178178	44.523 ug/L	99
50) Dibromochloromethane	11.13	129	81867	19.003 ug/L	96
53) Ethylbenzene	11.73	91	348917	14.339 ug/L	99
54) m,p-Xylene	11.85	106	85530	9.666 ug/L	96
55) o-xylene	12.16	106	97943	11.762 ug/L	100
57) Isopropylbenzene	12.46	105	276144	12.054 ug/L	100
63) 1,3-Dichlorobenzene	13.50	146	189738	18.813 ug/L	97
65) 1,2-Dichlorobenzene	13.87	146	87526	9.584 ug/L	100
66) 1,2-Dibromo-3-chloropropan	14.48	75	18368	19.433 ug/L	90

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

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