Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071319\
Data File : VW011233.D
Acq On : 12 Jul 2019 11:06
Operator : SY/VA
Sample : K3724-17
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DB8S9

Quant Time: Jul 13 05:59:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 13 05:32:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	374135	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	337159	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	164887	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	117229	20.52	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 82.08%			
7) Chloroethane-d5	2.88	69	83033	20.72	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 82.88%			
10) 1,1-Dichloroethene-d2	4.02	63	258067	21.33	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 85.32%			
20) 2-Butanone-d5	7.07	46	105014	46.66	ug/L	-0.02
Spiked Amount 50.000	Range 20 - 135		Recovery = 93.32%			
24) Chloroform-d	7.65	84	215112	20.98	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 83.92%			
26) 1,2-Dichloroethane-d4	8.30	65	137669	21.80	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 87.20%			
29) Benzene-d6	8.27	84	453306	21.82	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 87.28%			
33) 1,2-Dichloropropane-d6	9.27	67	149441	22.10	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 88.40%			
37) Toluene-d8	10.32	98	398727	21.54	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 86.16%			
38) trans-1,3-Dichloropropene-	10.58	79	63593	22.11	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 88.44%			
39) 2-Hexanone-d5	10.92	63	72765	46.91	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 93.82%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	123848	22.14	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 88.56%			
61) 1,2-Dichlorobenzene-d4	13.85	152	136791	21.61	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 86.44%			
Target Compounds						Qvalue
3) Chloromethane	2.21	50	99787	19.974	ug/L	99
6) Bromomethane	2.77	94	29733	9.747	ug/L	96
9) Trichlorofluoromethane	3.24	101	32275	14.457	ug/L	99
12) 1,1-Dichloroethene	4.04	96	109966	22.366	ug/L	87
13) Acetone	4.12	43	158423	72.073	ug/L	99
15) Methyl Acetate	4.66	43	144078	40.283	ug/L	99
16) Methylene chloride	4.92	84	58749	10.686	ug/L	95
17) Methyl tert-butyl Ether	5.42	73	250590	32.865	ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	54330	10.935	ug/L	97
22) cis-1,2-Dichloroethene	7.16	96	140484	26.122	ug/L	99
23) Bromochloromethane	7.51	128	35563	15.760	ug/L	98
27) 1,2-Dichloroethane	8.40	62	75340	10.316	ug/L	100
30) Cyclohexane	7.95	56	109344	10.667	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	74155	10.597	ug/L	99
32) Carbon tetrachloride	8.07	117	84428	12.865	ug/L	98
35) Trichloroethene	9.09	95	221050	41.570	ug/L	99
36) Methylcyclohexane	9.33	83	255730	26.724	ug/L	100

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QLast Update : Sat Jul 13 05:32:10 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) 1,2-Dichloropropane	9.37	63	76425	13.236	ug/L	100
41) Bromodichloromethane	9.64	83	136526	20.508	ug/L	100
42) cis-1,3-Dichloropropene	10.07	75	151456	17.777	ug/L	96
44) Toluene	10.38	91	459770	21.080	ug/L	100
45) trans-1,3-Dichloropropene	10.60	75	62638	8.885	ug/L	99
47) Tetrachloroethene	10.86	164	167878	41.773	ug/L	97
49) 2-Hexanone	10.97	43	169003	43.377	ug/L	99
50) Dibromochloromethane	11.13	129	87038	20.441	ug/L	99
53) Ethylbenzene	11.73	91	386574	15.626	ug/L	100
54) m,p-Xylene	11.85	106	92368	10.283	ug/L	95
55) o-xylene	12.16	106	108826	12.736	ug/L	94
57) Isopropylbenzene	12.46	105	304955	13.074	ug/L	100
63) 1,3-Dichlorobenzene	13.50	146	209813	20.682	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	99485	10.536	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	18038	19.457	ug/L	98

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

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