Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071919\
Data File : VW011372.D
Acq On : 19 Jul 2019 12:22
Operator : SY/VA
Sample : K3863-20
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : A52S5

Quant Time: Jul 20 01:10:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 20 00:46:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	337335	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	299298	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	149393	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	128206	24.89	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 99.56%			
7) Chloroethane-d5	2.88	69	90086	24.93	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 99.72%			
10) 1,1-Dichloroethene-d2	4.01	63	255810	23.45	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 93.80%			
20) 2-Butanone-d5	7.07	46	94020	46.34	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 92.68%			
24) Chloroform-d	7.64	84	229221	24.79	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 99.16%			
26) 1,2-Dichloroethane-d4	8.30	65	136970	24.05	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.20%			
29) Benzene-d6	8.27	84	482322	26.16	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 104.64%			
33) 1,2-Dichloropropane-d6	9.27	67	151695	25.27	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 101.08%			
37) Toluene-d8	10.32	98	426298	25.94	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 103.76%			
38) trans-1,3-Dichloropropene-	10.57	79	60958	23.88	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 95.52%			
39) 2-Hexanone-d5	10.92	63	64652	46.95	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 93.90%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	118550	23.87	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 95.48%			
61) 1,2-Dichlorobenzene-d4	13.85	152	143914	25.10	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 100.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	44408	10.704	ug/L	100
3) Chloromethane	2.21	50	61568	13.669	ug/L	99
5) Vinyl chloride	2.36	62	149993	25.513	ug/L	98
6) Bromomethane	2.77	94	41973	15.260	ug/L	99
8) Chloroethane	2.92	64	28498	9.590	ug/L	95
9) Trichlorofluoromethane	3.25	101	23641	11.745	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	105340	23.486	ug/L	98
12) 1,1-Dichloroethene	4.04	96	75436	17.017	ug/L	95
15) Methyl Acetate	4.66	43	83339	25.843	ug/L	100
16) Methylene chloride	4.92	84	106510	21.486	ug/L	99
17) Methyl tert-butyl Ether	5.42	73	301891	43.912	ug/L	99
21) 2-Butanone	7.17	43	224556	87.770	ug/L	97
25) Chloroform	7.67	83	178406	20.711	ug/L	99
30) Cyclohexane	7.95	56	209552	23.028	ug/L	98
34) Benzene	8.32	78	860008	45.976	ug/L	100
35) Trichloroethene	9.09	95	271171	57.447	ug/L	99
44) Toluene	10.38	91	1090280	56.312	ug/L	100

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Quant Title : VOC Analysis
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1,2-Trichloroethane	10.79	97	74349	20.946	ug/L	97
47) Tetrachloroethene	10.86	164	41774	11.710	ug/L	96
52) Chlorobenzene	11.66	112	162929	13.774	ug/L	99
53) Ethylbenzene	11.73	91	598871	27.269	ug/L	99
54) m,p-Xylene	11.85	106	264708	33.198	ug/L	98
55) o-xylene	12.16	106	209154	27.574	ug/L	99
56) Styrene	12.18	104	149852	11.516	ug/L	97
57) Isopropylbenzene	12.46	105	460883	22.259	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.71	83	58810	12.454	ug/L	98
62) Bromoform	12.35	173	26273	11.800	ug/L	100
63) 1,3-Dichlorobenzene	13.50	146	200689	21.835	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	100650	10.697	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	123959	21.247	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	172429	32.303	ug/L	100

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

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