Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071519\
Data File : VW011254.D
Acq On : 15 Jul 2019 11:34
Operator : SY/VA
Sample : K3798-01
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : A52S4

Quant Time: Jul 16 05:15:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis
QLast Update : Tue Jul 16 05:02:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	379726	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	339745	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	167651	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	127846	22.05	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 88.20%			
7) Chloroethane-d5	2.88	69	91863	22.58	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 90.32%			
10) 1,1-Dichloroethene-d2	4.01	63	257999	21.01	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 84.04%			
20) 2-Butanone-d5	7.07	46	107690	47.15	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 94.30%			
24) Chloroform-d	7.65	84	243994	23.44	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 93.76%			
26) 1,2-Dichloroethane-d4	8.30	65	149296	23.29	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.16%			
29) Benzene-d6	8.27	84	498477	23.82	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 95.28%			
33) 1,2-Dichloropropane-d6	9.27	67	163511	23.99	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 95.96%			
37) Toluene-d8	10.32	98	435370	23.34	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 93.36%			
38) trans-1,3-Dichloropropene-	10.57	79	67379	23.25	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 93.00%			
39) 2-Hexanone-d5	10.93	63	71879	45.99	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 91.98%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	130953	23.23	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 92.92%			
61) 1,2-Dichlorobenzene-d4	13.86	152	151096	23.48	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 93.92%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	46739	10.008	ug/L	100
3) Chloromethane	2.21	50	61677	12.164	ug/L	97
5) Vinyl chloride	2.36	62	164322	24.830	ug/L	99
6) Bromomethane	2.78	94	46004	14.858	ug/L	99
8) Chloroethane	2.92	64	29749	8.894	ug/L	99
9) Trichlorofluoromethane	3.24	101	24751	10.923	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	113197	22.421	ug/L	98
12) 1,1-Dichloroethene	4.04	96	79385	15.908	ug/L	93
15) Methyl Acetate	4.66	43	89051	24.531	ug/L	99
16) Methylene chloride	4.92	84	118410	21.220	ug/L	97
17) Methyl tert-butyl Ether	5.42	73	329521	42.581	ug/L	99
21) 2-Butanone	7.16	43	214744	74.565	ug/L	97
25) Chloroform	7.67	83	191361	19.735	ug/L	99
30) Cyclohexane	7.95	56	225279	21.809	ug/L	99
34) Benzene	8.32	78	912617	42.980	ug/L	100
35) Trichloroethene	9.09	95	288353	53.814	ug/L	100
44) Toluene	10.38	91	1159828	52.772	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
46) 1,1,2-Trichloroethane	10.79	97	80340	19.939 ug/L	97
47) Tetrachloroethene	10.86	164	43808	10.818 ug/L	93
52) Chlorobenzene	11.66	112	173877	12.950 ug/L	99
53) Ethylbenzene	11.73	91	640744	25.702 ug/L	99
54) m,p-Xylene	11.85	106	282220	31.181 ug/L	98
55) o-xylene	12.16	106	223976	26.013 ug/L	100
56) Styrene	12.18	104	161225	10.915 ug/L	98
57) Isopropylbenzene	12.46	105	492438	20.951 ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.71	83	61873	11.543 ug/L	94
62) Bromoform	12.35	173	29220	11.695 ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	212465	20.599 ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	107322	10.164 ug/L	99
68) 1,2,4-trichlorobenzene	15.14	180	134329	20.517 ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	182276	30.428 ug/L	99

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

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