Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071919\
Data File : VW011383.D
Acq On : 19 Jul 2019 17:36
Operator : SY/VA
Sample : K3863-15
Misc : 5.57G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : A52F5

Quant Time: Jul 20 02:07:19 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	304337	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	247183	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	89831	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	52559	11.31	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 45.24%			
7) Chloroethane-d5	2.89	69	60016	18.41	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 73.64%			
10) 1,1-Dichloroethene-d2	4.01	63	118880	12.08	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 48.32%			
20) 2-Butanone-d5	7.07	46	99784	54.51	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 109.02%			
24) Chloroform-d	7.65	84	181137	21.71	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 86.84%			
26) 1,2-Dichloroethane-d4	8.31	65	117948	22.96	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 91.84%			
29) Benzene-d6	8.27	84	346021	22.72	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 90.88%			
33) 1,2-Dichloropropane-d6	9.27	67	126071	25.43	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 101.72%			
37) Toluene-d8	10.32	98	277918	20.48	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 81.92%			
38) trans-1,3-Dichloropropene-	10.58	79	46906	22.25	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 89.00%			
39) 2-Hexanone-d5	10.93	63	66304	58.31	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 116.62%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	102290	24.94	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 99.76%			
61) 1,2-Dichlorobenzene-d4	13.85	152	72436	21.01	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 84.04%			
Target Compounds						Qvalue
13) Acetone	4.12	43	39022	21.824	ug/L	96
14) Carbon disulfide	4.39	76	60601	5.297	ug/L	97
15) Methyl Acetate	4.67	43	16634	5.717	ug/L	97
19) 1,1-Dichloroethane	6.21	63	41905	5.108	ug/L	99
21) 2-Butanone	7.17	43	6610	2.864	ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	5169	1.182	ug/L	87
30) Cyclohexane	7.96	56	7744	1.030	ug/L	93
31) 1,1,1-Trichloroethane	7.87	97	40683	7.930	ug/L	98
44) Toluene	10.38	91	236403	14.784	ug/L	100
53) Ethylbenzene	11.73	91	12494	0.689	ug/L	92
54) m,p-Xylene	11.85	106	4201	0.638	ug/L	84
55) o-xylene	12.16	106	5808	0.927	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	5661	1.100	ug/L	94

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

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