Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071420\
Data File : VW015854.D
Acq On : 14 Jul 2020 12:08
Operator : SY/VA
Sample : L3260-06
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : X2M76

Quant Time: Jul 15 07:05:33 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071320S.M
Quant Title : VOC Analysis
QLast Update : Wed Jul 15 06:37:42 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	307297	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	308120	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	143558	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.36	65	132285	24.89	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 99.56%			
7) Chloroethane-d5	2.89	69	137370	25.53	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 102.12%			
10) 1,1-Dichloroethene-d2	4.01	63	145898	20.09	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 80.36%			
20) 2-Butanone-d5	7.08	46	38465	46.91	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 93.82%			
24) Chloroform-d	7.65	84	192518	23.01	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 92.04%			
26) 1,2-Dichloroethane-d4	8.31	65	110006	24.46	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.84%			
29) Benzene-d6	8.28	84	403874	23.61	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 94.44%			
33) 1,2-Dichloropropane-d6	9.27	67	113851	23.39	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 93.56%			
37) Toluene-d8	10.33	98	391351	23.87	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 95.48%			
38) trans-1,3-Dichloropropene-	10.58	79	49109	23.37	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 93.48%			
39) 2-Hexanone-d5	10.93	63	35695	51.21	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 102.42%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	93800	23.78	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 95.12%			
61) 1,2-Dichlorobenzene-d4	13.86	152	134087	24.86	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 99.44%			
Target Compounds						Qvalue
3) Chloromethane	2.22	50	69970	20.977	ug/L	99
6) Bromomethane	2.79	94	49684	9.426	ug/L	98
9) Trichlorofluoromethane	3.26	101	84038	14.681	ug/L	99
12) 1,1-Dichloroethene	4.03	96	61004	18.897	ug/L	92
13) Acetone	4.14	43	41982	67.133	ug/L	99
15) Methyl Acetate	4.68	43	46465	36.218	ug/L	99
16) Methylene chloride	4.92	84	44321	10.883	ug/L	94
17) Methyl tert-butyl Ether	5.43	73	155339	31.460	ug/L	99
18) trans-1,2-Dichloroethene	5.43	96	38798	9.785	ug/L	97
22) cis-1,2-Dichloroethene	7.17	96	104818	25.228	ug/L	95
23) Bromochloromethane	7.51	128	27811	14.977	ug/L	99
27) 1,2-Dichloroethane	8.40	62	50656	10.380	ug/L	100
30) Cyclohexane	7.96	56	57789	9.188	ug/L	99
31) 1,1,1-Trichloroethane	7.88	97	63994	9.396	ug/L	98
32) Carbon tetrachloride	8.07	117	75819	11.896	ug/L	100
35) Trichloroethene	9.09	95	184475	39.625	ug/L	99
36) Methylcyclohexane	9.34	83	198823	24.947	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
40) 1,2-Dichloropropane	9.37	63	51733	12.686 ug/L	100
41) Bromodichloromethane	9.65	83	111084	19.980 ug/L	97
42) cis-1,3-Dichloropropene	10.07	75	108062	17.648 ug/L	98
44) Toluene	10.39	91	398125	20.627 ug/L	98
45) trans-1,3-Dichloropropene	10.61	75	44220	8.119 ug/L	99
47) Tetrachloroethene	10.87	164	150206	39.642 ug/L	93
49) 2-Hexanone	10.97	43	46839	34.466 ug/L	95
50) Dibromochloromethane	11.13	129	77766	20.539 ug/L	97
53) Ethylbenzene	11.73	91	334693	15.312 ug/L	98
54) m,p-Xylene	11.85	106	85673	10.214 ug/L	89
55) o-xylene	12.17	106	99292	12.455 ug/L	98
57) Isopropylbenzene	12.47	105	273389	12.502 ug/L	100
63) 1,3-Dichlorobenzene	13.50	146	195608	21.639 ug/L	94
65) 1,2-Dichlorobenzene	13.87	146	90883	11.096 ug/L	96
66) 1,2-Dibromo-3-chloropropan	14.49	75	10049	19.845 ug/L	94

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

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