Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW052620\
Data File : VW015472.D
Acq On : 26 May 2020 15:01
Operator : SY/VA
Sample : L2753-12
Misc : 5.00G/10.0mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAXF1

Quant Time: May 26 15:30:50 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
Quant Title : VOC Analysis
QLast Update : Tue May 26 12:41:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	363667	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	322807	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	155522	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.36	65	81460	24.44	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 97.76%			
7) Chloroethane-d5	2.89	69	84682	25.55	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 102.20%			
10) 1,1-Dichloroethene-d2	4.01	63	192478	23.70	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 94.80%			
20) 2-Butanone-d5	7.08	46	58330	53.61	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 107.22%			
24) Chloroform-d	7.65	84	206472	24.55	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 98.20%			
26) 1,2-Dichloroethane-d4	8.31	65	121762	26.02	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 104.08%			
29) Benzene-d6	8.27	84	412222	26.04	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 104.16%			
33) 1,2-Dichloropropane-d6	9.27	67	127480	26.50	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 106.00%			
37) Toluene-d8	10.32	98	393413	25.56	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 102.24%			
38) trans-1,3-Dichloropropene-	10.58	79	58529	26.30	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 105.20%			
39) 2-Hexanone-d5	10.93	63	46315	55.61	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 111.22%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	96245	26.57	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 106.28%			
61) 1,2-Dichlorobenzene-d4	13.85	152	136743	26.24	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 104.96%			
Target Compounds						Qvalue
3) Chloromethane	2.21	50	66391	18.772	ug/L	100
6) Bromomethane	2.78	94	31962	9.246	ug/L	100
9) Trichlorofluoromethane	3.26	101	53423	14.114	ug/L	97
12) 1,1-Dichloroethene	4.04	96	93572	21.579	ug/L	94
13) Acetone	4.12	43	79823	94.897	ug/L	100
15) Methyl Acetate	4.67	43	73120	40.180	ug/L	100
16) Methylene chloride	4.92	84	51918	11.632	ug/L	96
17) Methyl tert-butyl Ether	5.42	73	222652	32.355	ug/L	99
18) trans-1,2-Dichloroethene	5.43	96	49908	10.739	ug/L	95
22) cis-1,2-Dichloroethene	7.17	96	130008	26.817	ug/L	99
23) Bromochloromethane	7.51	128	31341	14.992	ug/L	97
27) 1,2-Dichloroethane	8.40	62	60678	10.657	ug/L	100
30) Cyclohexane	7.96	56	84067	10.535	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	75569	10.464	ug/L	98
32) Carbon tetrachloride	8.07	117	86528	13.064	ug/L	98
35) Trichloroethene	9.09	95	204969	42.269	ug/L	100
36) Methylcyclohexane	9.34	83	230172	26.614	ug/L	99

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Quant Title : VOC Analysis
QLast Update : Tue May 26 12:41:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
40) 1,2-Dichloropropane	9.37	63	61296	13.788 ug/L	99
41) Bromodichloromethane	9.65	83	126152	21.241 ug/L	98
42) cis-1,3-Dichloropropene	10.07	75	128498	18.063 ug/L	100
44) Toluene	10.39	91	426539	21.687 ug/L	97
45) trans-1,3-Dichloropropene	10.60	75	52417	8.467 ug/L	99
47) Tetrachloroethene	10.86	164	161743	42.078 ug/L	97
49) 2-Hexanone	10.97	43	69141	39.308 ug/L	99
50) Dibromochloromethane	11.13	129	79424	21.019 ug/L	94
53) Ethylbenzene	11.73	91	363059	16.076 ug/L	98
54) m,p-Xylene	11.85	106	89794	10.596 ug/L	96
55) o-xylene	12.16	106	104356	12.973 ug/L	98
57) Isopropylbenzene	12.46	105	297464	13.275 ug/L	100
63) 1,3-Dichlorobenzene	13.50	146	201268	21.149 ug/L	97
65) 1,2-Dichlorobenzene	13.87	146	90690	10.966 ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	12850	20.483 ug/L	93

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

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