Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081120\
Data File : VW016128.D
Acq On : 11 Aug 2020 11:35
Operator : SY/VA
Sample : L3598-23
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAY81

Quant Time: Aug 11 18:01:27 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
Quant Title : VOC Analysis
QLast Update : Tue Aug 11 16:06:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	427447	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	398535	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	178971	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	120110	22.66	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 90.64%			
7) Chloroethane-d5	2.89	69	90514	22.50	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 90.00%			
10) 1,1-Dichloroethene-d2	4.01	63	259119	23.02	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 92.08%			
20) 2-Butanone-d5	7.09	46	72109	51.71	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 103.42%			
24) Chloroform-d	7.65	84	268042	23.37	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 93.48%			
26) 1,2-Dichloroethane-d4	8.30	65	149723	24.57	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.28%			
29) Benzene-d6	8.27	84	538262	24.83	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 99.32%			
33) 1,2-Dichloropropane-d6	9.27	67	155094	24.33	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 97.32%			
37) Toluene-d8	10.33	98	484321	24.36	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 97.44%			
38) trans-1,3-Dichloropropene-	10.58	79	70677	24.67	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 98.68%			
39) 2-Hexanone-d5	10.93	63	58686	53.36	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 106.72%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	134285	25.87	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 103.48%			
61) 1,2-Dichlorobenzene-d4	13.86	152	164206	25.88	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 103.52%			
Target Compounds						Qvalue
3) Chloromethane	2.21	50	76926	17.939	ug/L	99
6) Bromomethane	2.78	94	27288	7.656	ug/L	97
9) Trichlorofluoromethane	3.26	101	53666	13.210	ug/L	100
12) 1,1-Dichloroethene	4.03	96	113138	20.622	ug/L	91
13) Acetone	4.14	43	75478	71.549	ug/L	95
15) Methyl Acetate	4.68	43	98857	39.855	ug/L	98
16) Methylene chloride	4.91	84	71769	10.633	ug/L	98
17) Methyl tert-butyl Ether	5.43	73	244195	31.410	ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	59006	10.225	ug/L	91
22) cis-1,2-Dichloroethene	7.17	96	154257	25.338	ug/L	100
23) Bromochloromethane	7.52	128	41333	14.793	ug/L	87
27) 1,2-Dichloroethane	8.40	62	71596	9.894	ug/L	100
30) Cyclohexane	7.96	56	82109	9.469	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	90531	9.886	ug/L	99
32) Carbon tetrachloride	8.07	117	105504	12.181	ug/L	99
35) Trichloroethene	9.09	95	246890	39.952	ug/L	99
36) Methylcyclohexane	9.34	83	258753	25.417	ug/L	99

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Quant Title : VOC Analysis
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) 1,2-Dichloropropane	9.37	63	73613	13.043	ug/L	100
41) Bromodichloromethane	9.65	83	154635	19.945	ug/L	97
42) cis-1,3-Dichloropropene	10.07	75	148075	17.228	ug/L	98
44) Toluene	10.39	91	498862	20.563	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	60111	7.785	ug/L	99
47) Tetrachloroethene	10.87	164	183573	39.625	ug/L	97
49) 2-Hexanone	10.97	43	83376	36.400	ug/L	100
50) Dibromochloromethane	11.13	129	103871	19.852	ug/L	92
53) Ethylbenzene	11.73	91	414844	15.071	ug/L	97
54) m,p-Xylene	11.85	106	105023	10.143	ug/L	98
55) o-xylene	12.17	106	121047	12.411	ug/L	95
57) Isopropylbenzene	12.47	105	331393	12.603	ug/L	100
63) 1,3-Dichlorobenzene	13.50	146	230454	20.387	ug/L	97
65) 1,2-Dichlorobenzene	13.87	146	110682	10.679	ug/L	96
66) 1,2-Dibromo-3-chloropropan	14.49	75	17316	19.054	ug/L	93

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

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