Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072820\
Data File : VW015976.D
Acq On : 28 Jul 2020 11:32
Operator : SY/VA
Sample : L3458-16
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAY42

Quant Time: Jul 29 04:53:04 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
Quant Title : VOC Analysis
QLast Update : Wed Jul 29 04:38:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	387437	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	343142	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	152744	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.36	65	101729	18.61	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 74.44%			
7) Chloroethane-d5	2.90	69	96529	21.74	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 86.96%			
10) 1,1-Dichloroethene-d2	4.01	63	242802	21.97	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 87.88%			
20) 2-Butanone-d5	7.09	46	56331	39.23	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 78.46%			
24) Chloroform-d	7.65	84	230236	21.16	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 84.64%			
26) 1,2-Dichloroethane-d4	8.31	65	116592	19.52	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 78.08%			
29) Benzene-d6	8.27	84	478232	22.90	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 91.60%			
33) 1,2-Dichloropropane-d6	9.27	67	141021	22.52	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 90.08%			
37) Toluene-d8	10.32	98	417680	22.08	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 88.32%			
38) trans-1,3-Dichloropropene-	10.58	79	51040	19.12	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 76.48%			
39) 2-Hexanone-d5	10.93	63	44043	42.24	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 84.48%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	98752	20.52	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 82.08%			
61) 1,2-Dichlorobenzene-d4	13.86	152	133529	22.42	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 89.68%			
Target Compounds						Qvalue
3) Chloromethane	2.22	50	101644	25.635	ug/L	98
6) Bromomethane	2.79	94	37418	10.256	ug/L	100
9) Trichlorofluoromethane	3.26	101	77395	18.828	ug/L	100
12) 1,1-Dichloroethene	4.04	96	128036	25.708	ug/L	92
13) Acetone	4.12	43	79057	65.553	ug/L	94
15) Methyl Acetate	4.68	43	79221	34.839	ug/L	98
16) Methylene chloride	4.92	84	66830	10.527	ug/L	95
17) Methyl tert-butyl Ether	5.43	73	224393	31.861	ug/L	97
18) trans-1,2-Dichloroethene	5.43	96	63976	12.164	ug/L	98
22) cis-1,2-Dichloroethene	7.17	96	154569	28.091	ug/L	96
23) Bromochloromethane	7.52	128	36936	15.308	ug/L	96
27) 1,2-Dichloroethane	8.40	62	62287	9.530	ug/L	96
30) Cyclohexane	7.96	56	101565	11.739	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	91778	11.455	ug/L	99
32) Carbon tetrachloride	8.07	117	104477	14.380	ug/L	99
35) Trichloroethene	9.09	95	254189	46.106	ug/L	97
36) Methylcyclohexane	9.34	83	297064	31.402	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
40) 1,2-Dichloropropane	9.37	63	74331	14.397 ug/L	100
41) Bromodichloromethane	9.65	83	139162	20.871 ug/L	98
42) cis-1,3-Dichloropropene	10.07	75	137641	17.504 ug/L	97
44) Toluene	10.39	91	516221	23.616 ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	52033	7.634 ug/L	99
47) Tetrachloroethene	10.87	164	198051	46.281 ug/L	94
49) 2-Hexanone	10.97	43	82527	38.590 ug/L	99
50) Dibromochloromethane	11.13	129	85473	19.885 ug/L	99
53) Ethylbenzene	11.73	91	422692	17.197 ug/L	96
54) m,p-Xylene	11.85	106	104407	11.354 ug/L	99
55) o-xylene	12.17	106	115868	13.381 ug/L	90
57) Isopropylbenzene	12.47	105	333802	14.161 ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	219495	22.453 ug/L	97
65) 1,2-Dichlorobenzene	13.87	146	98280	11.068 ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	12201	18.255 ug/L	89

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

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