Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072120\
Data File : VW015881.D
Acq On : 21 Jul 2020 12:00
Operator : SY/VA
Sample : L3341-05
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAXY6

Quant Time: Jul 22 06:53:42 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
Quant Title : VOC Analysis
QLast Update : Wed Jul 22 06:22:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	426267	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	392466	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	181578	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.36	65	136933	22.77	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 91.08%			
7) Chloroethane-d5	2.89	69	119717	24.51	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 98.04%			
10) 1,1-Dichloroethene-d2	4.01	63	286447	23.56	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 94.24%			
20) 2-Butanone-d5	7.09	46	88625	56.09	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 112.18%			
24) Chloroform-d	7.65	84	280568	23.44	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 93.76%			
26) 1,2-Dichloroethane-d4	8.31	65	163790	24.92	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.68%			
29) Benzene-d6	8.27	84	574810	24.06	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 96.24%			
33) 1,2-Dichloropropane-d6	9.27	67	171921	24.01	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 96.04%			
37) Toluene-d8	10.33	98	516905	23.89	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 95.56%			
38) trans-1,3-Dichloropropene-	10.58	79	74385	24.37	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 97.48%			
39) 2-Hexanone-d5	10.93	63	66919	56.12	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 112.24%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	142877	25.95	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 103.80%			
61) 1,2-Dichlorobenzene-d4	13.85	152	175262	24.75	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 99.00%			
Target Compounds						Qvalue
3) Chloromethane	2.21	50	92336	21.166	ug/L	99
6) Bromomethane	2.78	94	39133	9.749	ug/L	99
9) Trichlorofluoromethane	3.26	101	74766	16.531	ug/L	97
12) 1,1-Dichloroethene	4.03	96	124970	22.806	ug/L	86
13) Acetone	4.13	43	103527	78.024	ug/L	98
15) Methyl Acetate	4.67	43	111140	44.424	ug/L	99
16) Methylene chloride	4.92	84	87273	12.495	ug/L	96
17) Methyl tert-butyl Ether	5.43	73	276723	35.712	ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	63971	11.055	ug/L	98
22) cis-1,2-Dichloroethene	7.17	96	167313	27.637	ug/L	98
23) Bromochloromethane	7.51	128	42215	15.902	ug/L	95
27) 1,2-Dichloroethane	8.40	62	78117	10.863	ug/L	100
30) Cyclohexane	7.96	56	104001	10.509	ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	95900	10.465	ug/L	99
32) Carbon tetrachloride	8.07	117	108271	13.029	ug/L	100
35) Trichloroethene	9.09	95	260740	41.351	ug/L	98
36) Methylcyclohexane	9.34	83	291601	26.951	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
40) 1,2-Dichloropropane	9.37	63	79668	13.491 ug/L	99
41) Bromodichloromethane	9.65	83	159971	20.977 ug/L	98
42) cis-1,3-Dichloropropene	10.07	75	162668	18.087 ug/L	99
44) Toluene	10.39	91	537244	21.489 ug/L	97
45) trans-1,3-Dichloropropene	10.61	75	65534	8.407 ug/L	99
47) Tetrachloroethene	10.87	164	207119	42.317 ug/L	96
49) 2-Hexanone	10.97	43	92845	37.959 ug/L	93
50) Dibromochloromethane	11.13	129	104887	21.335 ug/L	98
53) Ethylbenzene	11.73	91	452734	16.104 ug/L	96
54) m,p-Xylene	11.85	106	111317	10.584 ug/L	99
55) o-xylene	12.17	106	130093	13.136 ug/L	96
57) Isopropylbenzene	12.46	105	359302	13.327 ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	253545	21.817 ug/L	97
65) 1,2-Dichlorobenzene	13.87	146	117249	11.107 ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	17336	21.819 ug/L	94

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

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