Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072120\
Data File : VW015880.D
Acq On : 21 Jul 2020 11:29
Operator : SY/VA
Sample : L3348-05
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAXY9

Quant Time: Jul 22 06:48:09 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	8.85	114	422940	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	381115	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	184869	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.36	65	134534	22.54	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 90.16%			
7) Chloroethane-d5	2.89	69	116785	24.09	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 96.36%			
10) 1,1-Dichloroethene-d2	4.01	63	279672	23.18	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 92.72%			
20) 2-Butanone-d5	7.09	46	86371	55.10	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 110.20%			
24) Chloroform-d	7.65	84	278928	23.48	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 93.92%			
26) 1,2-Dichloroethane-d4	8.31	65	162732	24.96	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.84%			
29) Benzene-d6	8.27	84	571779	24.65	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 98.60%			
33) 1,2-Dichloropropane-d6	9.27	67	169987	24.44	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 97.76%			
37) Toluene-d8	10.33	98	505701	24.07	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 96.28%			
38) trans-1,3-Dichloropropene-	10.58	79	73002	24.63	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 98.52%			
39) 2-Hexanone-d5	10.93	63	65390	56.47	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 112.94%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	138644	25.94	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 103.76%			
61) 1,2-Dichlorobenzene-d4	13.85	152	171744	23.82	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 95.28%			
Target Compounds						Qvalue
3) Chloromethane	2.21	50	84105	19.431	ug/L	99
6) Bromomethane	2.78	94	37693	9.464	ug/L	97
9) Trichlorofluoromethane	3.26	101	73733	16.431	ug/L	98
12) 1,1-Dichloroethene	4.04	96	118945	21.878	ug/L	94
13) Acetone	4.13	43	96712	73.461	ug/L	100
15) Methyl Acetate	4.68	43	107125	43.156	ug/L	99
16) Methylene chloride	4.92	84	85227	12.298	ug/L	97
17) Methyl tert-butyl Ether	5.43	73	267992	34.858	ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	61980	10.796	ug/L	95
22) cis-1,2-Dichloroethene	7.17	96	162342	27.027	ug/L	98
23) Bromochloromethane	7.52	128	41578	15.785	ug/L	95
27) 1,2-Dichloroethane	8.40	62	76530	10.726	ug/L	98
30) Cyclohexane	7.96	56	100774	10.487	ug/L	98
31) 1,1,1-Trichloroethane	7.87	97	94044	10.568	ug/L	99
32) Carbon tetrachloride	8.07	117	105503	13.074	ug/L	100
35) Trichloroethene	9.09	95	260233	42.499	ug/L	99
36) Methylcyclohexane	9.34	83	287616	27.374	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) 1,2-Dichloropropane	9.37	63	78579	13.703	ug/L	100
41) Bromodichloromethane	9.65	83	157102	21.214	ug/L	100
42) cis-1,3-Dichloropropene	10.07	75	161530	18.495	ug/L	98
44) Toluene	10.39	91	527787	21.740	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	64704	8.547	ug/L	100
47) Tetrachloroethene	10.87	164	198897	41.848	ug/L	96
49) 2-Hexanone	10.97	43	87617	36.888	ug/L	93
50) Dibromochloromethane	11.13	129	101992	21.364	ug/L	100
53) Ethylbenzene	11.73	91	441494	16.172	ug/L	97
54) m,p-Xylene	11.85	106	110290	10.798	ug/L	94
55) o-xylene	12.17	106	128285	13.339	ug/L	100
57) Isopropylbenzene	12.47	105	350327	13.381	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	244990	20.706	ug/L	97
65) 1,2-Dichlorobenzene	13.87	146	110922	10.321	ug/L	90
66) 1,2-Dibromo-3-chloropropan	14.49	75	16725	20.676	ug/L	93

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

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