Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072120\
Data File : VW015879.D
Acq On : 21 Jul 2020 11:05
Operator : SY/VA
Sample : L3347-05
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAXZ9

Quant Time: Jul 22 06:44:12 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	445145	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	411148	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	193031	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.36	65	123604	19.68	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 78.72%			
7) Chloroethane-d5	2.89	69	107632	21.10	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 84.40%			
10) 1,1-Dichloroethene-d2	4.01	63	267193	21.04	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 84.16%			
20) 2-Butanone-d5	7.09	46	71496	43.33	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 86.66%			
24) Chloroform-d	7.65	84	252073	20.16	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 80.64%			
26) 1,2-Dichloroethane-d4	8.31	65	145849	21.25	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 85.00%			
29) Benzene-d6	8.28	84	521063	20.82	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 83.28%			
33) 1,2-Dichloropropane-d6	9.27	67	156402	20.85	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 83.40%			
37) Toluene-d8	10.33	98	461062	20.34	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 81.36%			
38) trans-1,3-Dichloropropene-	10.58	79	65489	20.48	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 81.92%			
39) 2-Hexanone-d5	10.93	63	55006	44.03	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 88.06%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	120458	20.89	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 83.56%			
61) 1,2-Dichlorobenzene-d4	13.86	152	155735	20.69	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 82.76%			
Target Compounds						Qvalue
3) Chloromethane	2.21	50	90869	19.946	ug/L	98
6) Bromomethane	2.78	94	39228	9.358	ug/L	100
9) Trichlorofluoromethane	3.26	101	78982	16.723	ug/L	99
12) 1,1-Dichloroethene	4.04	96	126888	22.174	ug/L	98
13) Acetone	4.14	43	91389	65.955	ug/L	99
15) Methyl Acetate	4.68	43	104313	39.927	ug/L	99
16) Methylene chloride	4.92	84	87232	11.959	ug/L	98
17) Methyl tert-butyl Ether	5.44	73	275834	34.088	ug/L	99
18) trans-1,2-Dichloroethene	5.43	96	66430	10.993	ug/L	94
22) cis-1,2-Dichloroethene	7.17	96	171144	27.071	ug/L	98
23) Bromochloromethane	7.52	128	42139	15.200	ug/L	98
27) 1,2-Dichloroethane	8.40	62	78770	10.489	ug/L	99
30) Cyclohexane	7.96	56	108156	10.433	ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	98686	10.279	ug/L	100
32) Carbon tetrachloride	8.07	117	112043	12.870	ug/L	100
35) Trichloroethene	9.09	95	271241	41.061	ug/L	99
36) Methylcyclohexane	9.34	83	300864	26.544	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) 1,2-Dichloropropane	9.37	63	82033	13.261	ug/L	100
41) Bromodichloromethane	9.65	83	163266	20.436	ug/L	98
42) cis-1,3-Dichloropropene	10.07	75	164007	17.407	ug/L	98
44) Toluene	10.39	91	559971	21.381	ug/L	97
45) trans-1,3-Dichloropropene	10.61	75	64079	7.847	ug/L	100
47) Tetrachloroethene	10.87	164	205418	40.062	ug/L	94
49) 2-Hexanone	10.98	43	87782	34.258	ug/L	96
50) Dibromochloromethane	11.13	129	103620	20.119	ug/L	97
53) Ethylbenzene	11.73	91	462773	15.713	ug/L	100
54) m,p-Xylene	11.85	106	115044	10.441	ug/L	97
55) o-xylene	12.17	106	131855	12.709	ug/L	91
57) Isopropylbenzene	12.47	105	368317	13.041	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	258818	20.950	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	117864	10.503	ug/L	96
66) 1,2-Dibromo-3-chloropropan	14.49	75	16474	19.504	ug/L	94

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

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