

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW103119\
 Data File : VW013852.D
 Acq On : 31 Oct 2019 11:55
 Operator : SY/VA
 Sample : VSTD05001
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD05001

Quant Time: Oct 31 12:23:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM103119S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 31 12:00:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	323007	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	315945	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	197029	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	218445	55.12	ug/L	0.00
7) Chloroethane-d5	2.89	69	177260	47.92	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.03	63	447458	51.12	ug/L	0.00
20) 2-Butanone-d5	7.07	46	150617	106.26	ug/L	0.00
24) Chloroform-d	7.65	84	444906	49.23	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	238157	50.39	ug/L	0.00
29) Benzene-d6	8.27	84	940889	49.57	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	282176	49.77	ug/L	0.00
37) Toluene-d8	10.32	98	903022	51.58	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	132434	51.78	ug/L	0.00
39) 2-Hexanone-d5	10.92	63	130448	120.37	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	247221	53.24	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	339812	48.80	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	171443	47.189 ug/L	99
3) Chloromethane	2.21	50	182472	46.398 ug/L	96
5) Vinyl chloride	2.37	62	255431	51.972 ug/L	100
6) Bromomethane	2.78	94	163720	46.102 ug/L	99
8) Chloroethane	2.92	64	149513	45.016 ug/L	98
9) Trichlorofluoromethane	3.25	101	116217	35.084 ug/L	97
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	256092	49.096 ug/L	99
12) 1,1-Dichloroethene	4.04	96	263869	51.401 ug/L	91
13) Acetone	4.12	43	117342	74.589 ug/L	99
14) Carbon disulfide	4.39	76	775319	52.783 ug/L	98
15) Methyl Acetate	4.66	43	137477	53.482 ug/L	100
16) Methylene chloride	4.92	84	270311	43.703 ug/L	99
17) Methyl tert-butyl Ether	5.42	73	330071	46.470 ug/L	# 90
18) trans-1,2-Dichloroethene	5.42	96	273545	48.204 ug/L	99
19) 1,1-Dichloroethane	6.21	63	466507	48.566 ug/L	100
21) 2-Butanone	7.17	43	195056	97.653 ug/L	98
22) cis-1,2-Dichloroethene	7.17	96	299091	49.102 ug/L	99
23) Bromochloromethane	7.51	128	136917	49.731 ug/L	96
25) Chloroform	7.67	83	462313	47.914 ug/L	100
27) 1,2-Dichloroethane	8.40	62	308617	49.904 ug/L	100
30) Cyclohexane	7.95	56	460715	49.775 ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	356114	48.326 ug/L	100
32) Carbon tetrachloride	8.07	117	357136	49.770 ug/L	99
34) Benzene	8.32	78	1090795	48.118 ug/L	100
35) Trichloroethene	9.09	95	281089	48.328 ug/L	99
36) Methylcyclohexane	9.34	83	502389	49.006 ug/L	100
40) 1,2-Dichloropropane	9.37	63	269276	48.581 ug/L	99
41) Bromodichloromethane	9.65	83	341100	50.224 ug/L	97
42) cis-1,3-Dichloropropene	10.07	75	442162	50.526 ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	393461	104.043 ug/L	99

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44) Toluene	10.38	91	1190698	48.888	ug/L	99
45) trans-1,3-Dichloropropene	10.60	75	361017	51.107	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	212142	49.626	ug/L	97
47) Tetrachloroethene	10.86	164	256249	48.130	ug/L	99
49) 2-Hexanone	10.97	43	285298	106.340	ug/L	98
50) Dibromochloromethane	11.13	129	258924	51.322	ug/L	99
51) 1,2-Dibromoethane	11.23	107	209457	50.386	ug/L	99
52) Chlorobenzene	11.66	112	752839	48.310	ug/L	99
53) Ethylbenzene	11.73	91	1328770	49.378	ug/L	99
54) m,p-Xylene	11.83	106	514791	49.503	ug/L	97
55) o-xylene	12.16	106	495240	50.184	ug/L	98
56) Styrene	12.18	104	856506	50.736	ug/L	100
57) Isopropylbenzene	12.46	105	1314110	49.645	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.71	83	261825	52.256	ug/L	97
59) 1,2,3-Trichloropropane	12.77	75	195954	52.445	ug/L	99
62) Bromoform	12.35	173	165584	49.038	ug/L	100
63) 1,3-Dichlorobenzene	13.50	146	629251	47.067	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	634108	47.200	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	580235	47.901	ug/L	100
66) 1,2-Dibromo-3-chloropropan	14.49	75	44594	53.560	ug/L	95
67) 1,3,5-Trichlorobenzene	14.63	180	502241	50.532	ug/L	100
68) 1,2,4-trichlorobenzene	15.13	180	417579	49.489	ug/L	97
69) Naphthalene	15.36	128	836219	54.692	ug/L	99
70) 1,2,3-Trichlorobenzene	15.55	180	381941	50.546	ug/L	98

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

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