

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070219\
 Data File : VW011103.D
 Acq On : 02 Jul 2019 10:47
 Operator : SY/VA
 Sample : VSTD05006
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD05006

Quant Time: Jul 02 11:21:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 02 10:47:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	351452	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	321456	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	158527	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	269323	59.12	ug/L	0.00
7) Chloroethane-d5	2.88	69	192318	54.76	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.02	63	568574	52.81	ug/L	0.00
20) 2-Butanone-d5	7.07	46	233504	109.15	ug/L	0.00
24) Chloroform-d	7.65	84	478258	50.46	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.30	65	296968	50.54	ug/L	0.00
29) Benzene-d6	8.27	84	972543	50.39	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	319222	50.06	ug/L	0.00
37) Toluene-d8	10.32	98	882508	50.68	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	143999	51.02	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	168658	117.68	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	279452	53.17	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	301316	50.35	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	221596	44.856	ug/L 95
3) Chloromethane	2.21	50	224464	42.735	ug/L 100
5) Vinyl chloride	2.36	62	292244	46.535	ug/L 98
6) Bromomethane	2.78	94	140156	45.215	ug/L 99
8) Chloroethane	2.92	64	157242	47.277	ug/L 100
9) Trichlorofluoromethane	3.24	101	102940	48.538	ug/L 100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	233273	47.328	ug/L 99
12) 1,1-Dichloroethene	4.04	96	229550	46.661	ug/L 93
13) Acetone	4.12	43	177786	86.781	ug/L 100
14) Carbon disulfide	4.38	76	664853	45.646	ug/L 100
15) Methyl Acetate	4.67	43	184851	52.126	ug/L 98
16) Methylene chloride	4.92	84	242246	46.540	ug/L 98
17) Methyl tert-butyl Ether	5.42	73	373379	48.475	ug/L 99
18) trans-1,2-Dichloroethene	5.42	96	228864	46.264	ug/L 99
19) 1,1-Dichloroethane	6.21	63	472896	46.804	ug/L 99
21) 2-Butanone	7.17	43	273396	101.474	ug/L 99
22) cis-1,2-Dichloroethene	7.16	96	253201	47.571	ug/L 99
23) Bromochloromethane	7.51	128	107557	47.513	ug/L 97
25) Chloroform	7.67	83	441665	47.644	ug/L 100
27) 1,2-Dichloroethane	8.40	62	343918	47.346	ug/L 100
30) Cyclohexane	7.95	56	488871	45.990	ug/L 99
31) 1,1,1-Trichloroethane	7.87	97	327467	46.840	ug/L 100
32) Carbon tetrachloride	8.07	117	311312	47.143	ug/L 99
34) Benzene	8.32	78	987289	46.738	ug/L 100
35) Trichloroethene	9.09	95	246656	46.045	ug/L 99
36) Methylcyclohexane	9.34	83	451174	45.886	ug/L 99
40) 1,2-Dichloropropane	9.37	63	273224	46.993	ug/L 100
41) Bromodichloromethane	9.64	83	328303	48.117	ug/L 98
42) cis-1,3-Dichloropropene	10.07	75	432112	48.313	ug/L 98
43) 4-Methyl-2-pentanone	10.21	43	558214	103.460	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.39	91	1037813	46.985	ug/L	100
45) trans-1,3-Dichloropropene	10.60	75	363332	49.143	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	195471	49.056	ug/L	98
47) Tetrachloroethene	10.86	164	183542	45.178	ug/L	99
49) 2-Hexanone	10.97	43	409325	106.636	ug/L	100
50) Dibromochloromethane	11.13	129	218431	49.786	ug/L	100
51) 1,2-Dibromoethane	11.24	107	190792	49.513	ug/L	95
52) Chlorobenzene	11.66	112	626371	47.125	ug/L	99
53) Ethylbenzene	11.73	91	1174595	47.201	ug/L	99
54) m,p-Xylene	11.84	106	428991	47.506	ug/L	99
55) o-xylene	12.16	106	413803	47.755	ug/L	99
56) Styrene	12.18	104	723350	48.408	ug/L	100
57) Isopropylbenzene	12.46	105	1123517	47.792	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	269915	51.807	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	203089	50.204	ug/L	99
62) Bromoform	12.35	173	128176	50.514	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	483257	46.824	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	494391	47.687	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	455832	47.753	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	49369	50.545	ug/L	99
67) 1,3,5-Trichlorobenzene	14.63	180	372663	47.439	ug/L	99
68) 1,2,4-trichlorobenzene	15.14	180	324943	48.807	ug/L	99
69) Naphthalene	15.37	128	746005	52.509	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	296479	49.025	ug/L	99

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

